



EX LIBRIS

BIOLOGY
LIBRARY
G

THE
B N A

UNIV. OF
CALIFORNIA

ARRANGED AS AN OUTLINE OF
REGIONAL AND SYSTEMATIC ANATOMY

BY
VICTOR E. EMMEL

Additional copies of this work may be obtained at
\$1.50 each by addressing University of California Press, Berkeley,
California.

COPYRIGHT APPLIED FOR, 1919

By

VICTOR E. EMEL.

The Basic Anatomical Nomenclature (the B. N. A.) has been previously published in the simplification of anatomical terminology. Out of a total of 1,500 anatomical terms about 45,000 have been eliminated as unnecessary. As a consequence, anatomical terminology as represented by the B. N. A. now consists of a list of some 5,000 simple, unambiguous terms for the descriptive structures of the human body.

The

This list of terms, intended for common use in the medical schools, is arranged on the basis of systematic B. N. A. Doubtless, such an arrangement

best adapted for the purpose of teaching the revision of terminology. ARRANGED AS AN OUTLINE OF REGIONAL AND SYSTEMATIC ANATOMY

by

VICTOR E. EMMELE, M.S., PH.D.
Associate Professor of Anatomy

UNIVERSITY OF CALIFORNIA

The

E. N. A.

ARRANGED AS AN OUTLINE OF REGIONAL

AND SYSTEMATIC ANATOMY

by

VICTOR E. EMBEL, M.S., Ph.D.,
Associate Professor of Anatomy

UNIVERSITY OF CALIFORNIA

----- PREFACE-----

The Basle Anatomical Nomenclature (the B N A) has been preeminently successful in the simplification of anatomical terminology. Out of a total of 50,000 anatomical terms about 45,000 have been eliminated as unnecessary synonyms. As a consequence, anatomical terminology as represented by the B N A now consists of a list of some 5,000 simple, unambiguous terms for the macroscopic structures of the human body.

This list of terms, intended for common use in the medical schools, is arranged on the basis of systematic anatomy. Doubtless, such an arrangement was best adapted for the purpose of bringing about this revision of terminology. On the other hand, it appears obvious that from the standpoint of practical anatomy, a regional arrangement of these terms in conjunction with their systematic tabulation would greatly extend the usefulness of the B N A. In dissecting laboratories and surgical clinics, the structures represented by the B N A terms are encountered in the various regions of the body, not as anatomical systems, but as segments of these systems grouped together in certain definite regional relationships. In attempting to correlate systematic text and cadaver, the one proves almost as difficult to dissect as the other.

It appears important, therefore, that the present systematic B N A should be expanded to include a correlated regional arrangement of anatomical terms; - an arrangement based upon the sequence in which the structures indicated by these terms may be exposed and demonstrated to the naked eye in actual dissection. The present work represents such an attempt and is the outgrowth of several years of laboratory experience in which a regional arrangement of B N A terms in mimeograph copies has been given a thorough trial and its usefulness clearly demonstrated.

The present work is presented in two parts dealing with the B N A terms

The Basic Anatomical Terminology (the B N A) has been presented
presented in the classification of anatomical terminology. Out of a total
of 20,000 anatomical terms about 45,000 have been eliminated as unnecessary
synonyms. As a consequence, anatomical terminology as represented by the
B N A now consists of a list of some 2,000 simple, unambiguous terms for the
anatomical structures of the human body.

This list of terms, intended for common use in the medical schools, is
based on the basis of systematic anatomy. Definitions, such as arrangements
now best adapted for the purpose of bringing about this revision of terminology.
On the other hand, it appears obvious that from the standpoint of practical
anatomy, a regional arrangement of terms is in consonance with their
systematic tabulation would greatly extend the usefulness of the B N A. In
connecting laboratories and surgical clinics, the structures represented by
the B N A terms are encountered in the various regions of the body, not as
anatomical systems, but as members of these systems grouped together in
certain definite regional relationships. In attempting to correlate systematic
text and anatomy, the one proves almost as difficult to discuss as the other.
It appears important, therefore, that the present systematic B N A should
be expanded to include a correlated regional arrangement of anatomical terms; -
an arrangement based upon the sequence in which the structures indicated by
these terms may be expected and demonstrated as the naked eye in actual dissec-
tion. The present work represents such an attempt and is the outcome of
several years of laboratory experience in which a regional arrangement of
B N A terms in anatomical notes has been given a thorough trial and its utility
has clearly demonstrated.

The present work is presented in two parts dealing with the B N A terms

as arranged, first, on the basis of regional anatomy, and, second, on the basis of systematic anatomy, with numeral indices facilitating cross references from the one to the other. The regional arrangement is given precedence since it is in their regional relations that anatomical structures are first encountered in practical study. The work also includes a complete series of figures for the surface anatomy, surface projection of the skeleton and lines of skin incision for the various regions of the body (omitted in the present copy).

Part I constitutes a regional resumé of anatomical structures. A tabulation for any given region necessarily involves only those structures or segments of structures which are embraced within the confines of that region. Structures such as the larger nerves or vessels extending through two or more regions would be relisted for each region in which they occur. In general the terms have been arranged with a view to greatest utility for student and clinical reference in practical work. In presenting the subject of human anatomy it is frequently difficult to steer a course between the Scylla of too great detail and the Charybdis of a paucity of subject matter, but in any event the present tabulation may serve as a basis from which deviation may be made in either direction as the requirements of the special case may dictate. In a few instances, in the interest of the student but subject to possible criticism on pedagogical grounds, the terms for structures such as some of the smaller rami of blood vessels or nerve plexuses which may be relatively of secondary importance or especially difficult to demonstrate, are printed in smaller type (indicated by affixed double asterisks in the present mimeograph copy). With the exception of such osteological elements as are encountered in surface anatomy, terms relative to skeletal structures have been largely omitted in Part I. In this connection, the figures showing the surface projection of the skeleton should prove of value for purposes of general reference and orientation (omitted in the present copy).

is arranged, first, on the basis of regional anatomy, and, second, on the basis of systematic anatomy, with regional anatomy facilitating cross reference from one to the other. The regional arrangement is given precedence since it is in their regional relations that anatomical structures are first encountered in practical study. The work also includes a complete series of figures for the various systems, various projections of the skeleton and lines of skin incision for the various regions of the body (inserted in the present copy).

Part I constitutes a regional review of anatomical structures. A tabular review for any given region necessarily involves only those structures or segments of structures which are contained within the confines of that region. Structures such as the largest nerves or vessels extending through the or near regions would be related for each region in which they occur. In general, the terms have been arranged with a view to greatest utility for student and clinical reference in practical work. In presenting the subject of human anatomy it is frequently difficult to state a course between the Scylla of too great detail and the Charybdis of a paucity of subject matter, but in any event the present tabulation may serve as a basis from which deviation may be made in either direction as the requirements of the special case may dictate. In a few instances, in the interest of the student but subject to possible criticism on pedagogical grounds, the terms for structures such as some of the smaller nerves and blood vessels or more flexible which may be relatively of secondary importance are especially difficult to demonstrate, are printed in smaller type indicated by attached double notations in the present manuscript copy. With the exception of such corollary elements as are encountered in surface anatomy, terms relative to internal structures have been largely omitted in Part I. In this connection, the figures showing the various projections of the various anatomical parts of value for purposes of general reference and orientation are inserted in the present copy.

Concise statements are given for the more important incisions and dissections involved in the demonstration of the structures as listed for each region. The order in which these regions and their component structures are dealt with is based primarily upon the sequence of dissection developed in Cunningham's Manual of Practical Anatomy, which may be regarded as representing a method of procedure prevalent in the majority of American and English anatomical laboratories. From the standpoint of systematic anatomy, it may not be a matter of such great importance as to what sequence may be followed in dissection so long as the structures in question are really exposed and observed. From the standpoint of regional anatomy, however, the subject presents quite a different aspect. In the latter case, the structures should be exposed in a sequence most favorable for the observation of those structural relationships which are of greatest practical significance. Toward this end, therefore, the methods of dissection in general should represent the culmination of the best available anatomical and surgical experience and this finds perhaps its best expression at the present time in the work of the British and more especially of the Edinburgh school of anatomists. Barkers' Laboratory Manual of Human Anatomy, 1904, which in method is in close agreement with that of the Edinburgh School, has also been a source of valuable suggestions, especially in the case of the brain and sense organs.

Part II constitutes a systematic resumé of anatomical structures and, with the exception of certain minor changes, is based upon the systematic arrangement of the B N A terms as originally published by His, 1895. This arrangement, as emphasized by Dr. F. T. Lewis, Stohr's Textbook of Histology, 6th edition, p.vi, is such as to furnish "an excellent means by which students may review anatomy".

In Part I some of the terms are in Latin, while others are anglicized. In a few instances it has been necessary to employ a term not listed in the B N A, as for example in the case of the surgical triangles of the neck. Such

Concise statements are given for the more important findings and theories
which are involved in the demonstration of the existence of the law of
the system in which these findings and their subsequent observations are dealt with
a broad picture of the progress of research developed in Germany
Journal of Practical Anatomy, which may be regarded as representing a method of
proceeding to the study of anatomy and English anatomy
In addition, from the standpoint of systematic anatomy, it may not be a
matter of such great importance as to what sequence may be followed in dissec-
tion as long as the anatomical questions are really exposed and observed.
From the standpoint of practical anatomy, however, the subject presents quite a
different aspect. In the latter case, the structure should be exposed in a
certain order for the purpose of the study of the anatomical relationships
which are of greatest practical significance. Toward this end, therefore, the
method of dissection in general should represent the combination of the basic
anatomical, systematic and surgical experience and this is the basis of the
explanation of the progress of the work of the British and more especially
of the Edinburgh school of anatomists. Jackson's Laboratory Manual of Human
Anatomy, 1904, which in method is in close agreement with that of the Edinburgh
school, has also been a source of valuable suggestions, especially in the case
of the female and some organs.
Part II constitutes a systematic review of anatomical structures and, with
the exception of certain minor changes, is based upon the systematic arrangement
of the 24 bones as originally published by Hall, 1850. This arrangement, as
suggested by Dr. J. E. Smith, in the *Journal of Anatomy*, 1901, is adopted, and
as such as to furnish the experience which is the basis of the present anatomy.
In Part I, which is the first and is basic, the bones are arranged
in a few sentences in the order in which they are to be studied in the
body of the work in the study of the anatomy of the body.

terms can, however, always be recognized through the absence of cross reference numerals. In Part II all of the B N A terms have been retained in their original Latin form. In the case of Part I, that form of the term has been used which appears most prevalent in the majority of the standard English and American anatomical texts and in the conversational language of the laboratory and clinic. Where this is not clear, the Latin term is given. In the event of differences in different texts, regarding the terms which are anglicized, the cross references to Part II facilitate a ready reference to the equivalent Latin form, as for example in the case of stomach and ventriculus, or spleen and lien. In this connection it must be recognized that as yet there is no authoritative list of English equivalents for the B N A and no unanimity of agreement as to the usage of Latin or anglicized forms, - a problem toward the solution of which an authoritative decision by proper representatives from English speaking countries would render an important contribution in the interests of medical science.

A thorough understanding and adequate command of anatomical terms constitute an important objective in anatomical study. The same is equally true of dexterity in dissection, independence of observation and the verification of textbook statements. In the last analysis, however, perhaps the matter of greatest importance is the student's own efforts toward the interpretation and organization of the facts and observations thus acquired. Instructors, cadavers, textbooks, atlases and laboratory manuals are only means to an end. If the student is lacking in this ability or fails to develop it, all of these accessories will be of little avail. A mere memory of anatomical terms and all the minutiae of structure do not in themselves constitute a working knowledge. It is only as these data become organized in such a way that when confronted with the living body we can visualize the form, position, relations and functions of its various structures as component parts of a living working

terms can, however, always be recognized through the absence of cross reference
 answers. In Part II all of the B N A terms have been retained in their
 original Latin form. In the case of Part I, the form of the term has been
 used which appears most prevalent in the majority of the standard English and
 American anatomical texts and in the conversational language of the laboratory
 and clinic. Where this is not clear, the Latin term is given. In the event
 of differences in different texts, regarding the terms which are capitalized,
 the form referred to in Part II facilitates a ready reference to the equivalent
 Latin term, as for example in the case of stomach and ventriculus, or spleen
 and lienis. In this connection it must be recognized that as yet there is no
 authoritative list of English equivalents for the B N A and no unanimity of
 agreement as to the usage of Latin or anglicized forms, a problem toward the
 solution of which an authoritative decision by proper representatives from
 English speaking countries would render an important contribution in the
 interests of medical science.

A thorough understanding and accurate command of anatomical terms con-
 stitutes an important objective in anatomical study. The name is equally true
 of dexterity in dissection, independence of observation and the verification of
 textbook statements. In the last analysis, however, perhaps the matter of
 greatest importance in the student's own efforts toward the interpretation and
 verification of the facts and observations thus acquired. Instructors,
 however, textbooks, atlases and laboratory manuals are only means to an end.
 The student is facing in this ability or failure to develop it, all of these
 connections will be of little avail. A true mastery of anatomical terms and
 the structure of structures do not in themselves constitute a working knowl-
 edge. It is only as these data become organized in one's own mind
 correlated with the living body so can visualize the form, position, relations
 and functions of the various structures as component parts of a living working

machine and at the same time have a ready command of the terms by which these structures are designated, that we can regard ourselves as having made any great degree of progress toward a mastery of human anatomy. Toward the realization of this end the present work is necessarily only one of many factors. It has been undertaken with a keen appreciation of the almost discouraging character of some of the perplexing problems it involves and that at best it must represent a beginning which only the cumulative data acquired with more extended experience and criticism can bring to its greatest perfection. Its immediate purpose will, however, be attained if it proves to be of real utility in the establishment of a basis for a more direct correlation of anatomical terminology and structure in the practical study of the cadaver and in the presentation of a resume of regional and systematic anatomy materially facilitating the attainment of such a working knowledge of the human mechanism.

Criticisms, suggestions or memoranda of errors, a certain number of which have not always been successfully eliminated from the mimeograph stencils will be greatly welcomed. It has also been suggested that should the proposition involved in the present work recommend itself sufficiently, possibly the cumulative experience and criticism from various laboratories might eventually find expression through some representative anatomical committee or commission leading to a more authoritative presentation of the subject.

UNIVERSITY OF CALIFORNIA
Berkeley, California, Sept. 27, 1919.

machine and at the same time have a ready command of the terms by which those
relations are designated, that we can regard ourselves as having made any
least degree of progress toward a history of human anatomy. To meet the
demand of this and the present work is necessarily only one of many
others. It has been undertaken with a keen appreciation of the almost dis-
cussing character of some of the problems which it involves and that as
yet it must represent a beginning which only the cumulative data resulting from
our extended experience and criticism can bring to the greatest perfection.
No immediate purpose will, however, be attached to it, except to be of real
utility in the establishment of a basis for a more direct correlation of
anatomical, physiological and embryonic in the practical study of the embryo and
in the presentation of a course of logical and systematic anatomy entirely
conforming to the attainment of such a working knowledge as the student requires.

CONTENTS

Introduction, suggestions for demands of study, a certain number of which
have not always been successfully eliminated from the anatomical studies with
a greatly reduced. It has also been suggested that the presentation
involved in the present work, and the illustrations, especially the
descriptive experience and criticism from various laboratories might eventually
and experience through some representative anatomical studies in connection
leading to a more satisfactory presentation of the subject.

UNIVERSITY OF CALIFORNIA
Berkeley, California, Sept. 10, 1910.

C O N T E N T S

Part One

R e g i o n a l A n a t o m y

THE SUPERIOR EXTREMITY

	<u>Page</u>
Structures of the back: with reference primarily to structures in relation to the superior extremity. -----	1
Surface anatomy -----	1
Regions of the back -----	2
Fascia, cutaneous nerves and vessels -----	2
Muscles, nerves and vessels -----	2
Muscles: ... layer -----	2
Structures in relation to superior margin of scapula -----	2
Muscles: second layer -----	3
Nerves and vessels -----	3
Anterior thoracic region and axillary fossa. -----	3
Surface anatomy -----	3
Pectoral regions -----	3
Anterior thoracic wall: superficial structures -----	4
Superficial fascia, cutaneous nerves and blood vessels ---	4
Mamma. -----	4
Anterior thoracic wall: deep fascia and pectoralis major muscle -----	4
Axillary fossa and structures subjacent to the pectoralis major muscle -----	4
Structures in relation to base of axillary fossa -----	4
Structures exposed by reflection of clavicular part of pectoralis major muscle -----	5
Structures exposed by reflection of sternocostal part of pectoralis major muscle -----	5
Contents of superior part of axillary fossa -----	5
Contents of inferior part of axillary fossa -----	5
Structures in relation to medial wall of axillary fossa --	5
Structures in relation to posterior wall of axillary fossa -----	5
Axillary vessels -----	6
Subclavius muscle -----	6
Brachial plexus -----	6
Serratus anterior muscle -----	6
Superior extremity: general characteristics -----	7
Subdivisions -----	7
Regions of the Superior Extremity -----	7
Region of shoulder -----	7
Fascia, cutaneous nerves and cephalic vein -----	7
Muscles, nerves, vessels and ligaments of the shoulder -----	8
Arm and superficial structures of forearm and dorsum of hand -----	9
Surface anatomy of arm and forearm -----	9
Arm (anterior aspect) and forearm: superficial structures -----	9
Cutaneous nerves -----	9
Veins and lymphatics -----	9
Arm (anterior aspect): deep structures -----	9
Deep fascia -----	10
Arteries -----	10
Veins -----	10

Уморгел Гелелел
УМОРГЕЛ ГЕЛЕЛЕЛ

[illegible]

	<u>Page</u>
Nerves -----	10
Muscles -----	10
Cubital fossa -----	10
Arm (posterior aspect) -----	10
Dorsum of hand: superficial structures -----	11
Forearm: volar aspect and ulnar margin -----	11
Deep fascia and cutaneous nerves piercing it -----	11
Radial artery and nerve -----	11
Superficial muscles -----	11
Ulnar vessels and median nerve -----	12
Deep structures on volar aspect of forearm -----	12
Wrist and hand: volar aspect -----	12
Surface anatomy -----	12
Fascia and cutaneous nerves -----	12
Muscles, nerves, vessels and ligaments -----	13
Nerves and vessels superficial to the muscles and flexor tendons of the palm -----	13
Ligaments and mucous sheaths of flexor tendons -----	13
Muscles -----	13
Nerves and vessels internal to the flexor tendons and muscles of the palm -----	13
Forearm: dorsal aspect and radial margin -----	14
Fascia, muscles, nerves and vessels -----	14
Deep fascia -----	14
Superficial muscles -----	14
Nerves and vessels -----	14
Deep muscles -----	14
Wrist and hand: dorsal aspect -----	15
Muscles, nerves and vessels -----	15
Vessels -----	15
Muscles, nerves and ligaments -----	15
Articulations of superior extremity -----	15
Shoulder joint -----	15
Elbow joint -----	15
Joint of the hand -----	15
Radiocarpal articulation -----	15
Intercarpal articulation -----	16
Pisiform articulation -----	16
Radioulnar articulation -----	16
Carpometacarpal articulations -----	16
Intermetacarpal articulations -----	16
Metacarpophalangeal articulations -----	16
Articulations of the digits -----	16

THORAX AND DEEP STRUCTURES OF THE BACK

General characteristics -----	17
Subdivisions of thorax and back -----	17
Surface anatomy -----	17
General osteological characteristics of the thorax -----	17
Regions of thorax and back -----	17
Thoracic wall: anterior and lateral parts -----	17
Intercostal muscles, ligaments and nerves -----	17
Blood-vessels -----	18
Thoracic cavity and viscera -----	18
Pleura and pleural cavities -----	18
Lungs -----	19

	<u>Page</u>
Surface anatomy -----	19
Internal structure of lung -----	19
Root of lung and related structures -----	27
Structures in relation to the right and left roots -----	20
Structures within the pulmonary roots -----	20
Phrenic nerve and nerves to the superficial part of the cardiac plexus -----	20
Thymus -----	20
Pericardium -----	20
Great veins of the thorax and their tributaries -----	21
Heart and aorta -----	21
Surface anatomy -----	21
Nerve and vascular supply -----	21
Cavities of the heart. Pulmonary vessels -----	22
Aorta and its branches -----	23
Myocardium and fibrous rings of the heart -----	23
Cardiac plexus -----	23
Trachea and bronchi -----	24
Posterior mediastinal cavity and structures within it -----	24
Thoracic wall: posterior part -----	24
Thoracic part of the sympathetic system -----	24
Structures in relation to internal surface of posterior thoracic wall -----	24
Deep structures of back -----	25
Posterior serrati muscles and lumbodorsal fascia -----	25
Intrinsic muscles of back -----	25
Nerves and blood-vessels -----	26
Vertebral canal: blood-vessels and meninges -----	26
Spinal cord: nerves, blood-vessels and surface anatomy -----	27
Spinal nerves -----	27
Blood-vessels -----	27
Surface anatomy -----	27
Spinal cord: internal structure -----	27
Gray matter -----	28
White matter -----	28
Articulations of the thorax -----	28
Sternocostal articulations -----	28
Costovertebral articulations -----	28
Capitular articulations -----	28
Costotransverse articulations -----	28
Articulations of the vertebral column -----	29

HEAD AND NECK

Structures in relation to scalp and temporal region. -----	30
General characteristics of the cranium -----	30
Subdivisions of the cranium -----	30
Regions of the head -----	30
Scalp and temporal regions: superficial blood-vessels and nerves -----	30
Frontal region -----	30
Temporal region -----	30
Mastoid and occipital regions -----	30
Scalp: deeper structures -----	31
Muscles -----	31
Lymphatics -----	31
Auricle or external ear -----	31

1881

• • •

3

10

12

•

: 2

30

•

.. 2

10

•

1

1

1

54

22

1892

59

20

6.

1

1

	Page
Intracranial structures in relation to brain and cranial wall -----	31
Structures exposed by removal of calvaria -----	31
Structures exposed by removal of brain -----	32
Roots of cerebral nerves -----	32
General structural characteristics of exposed base of cranium and related dura mater -----	33
Sinuses of the dura mater -----	33
Arteries -----	33
Hypophysis -----	34
Structures in the lateral and anterior regions of neck -----	34
Surface anatomy -----	34
Regions of the neck -----	34
Superficial fascia, platysma, veins and cutaneous nerves -----	34
Deep cervical fascia and sternocleidomastoid muscle -----	35
Posterior triangle -----	35
Occipital triangle -----	35
Supraclavicular triangle -----	36
Supraclavicular part of brachial plexus -----	36
Muscles in floor of posterior triangle -----	36
Anterior triangle -----	36
Submaxillary or digastric triangle -----	36
Carotid triangle -----	37
Muscular triangle -----	37
Structures in relation to anterior median line of neck -----	38
Suprahyoid region -----	38
Infrahyoid region -----	38
Muscles of neck: second and third layers -----	38
Sternoclavicular articulation -----	38
Root of neck -----	38
Muscles -----	38
Blood-vessels and lymphatics -----	38
Nerves -----	39
Remaining structures at root of neck -----	39
Cervical plexus and viscera of neck -----	39
Back of head and neck -----	40
Regions of back of head and neck -----	40
Fascia, superficial nerves and muscles -----	40
Muscles in relation to back of neck -----	40
Deeper blood-vessels and nerves of back of neck -----	41
Face and frontal region of head -----	42
Surface anatomy -----	42
Regions of face -----	42
Fascia and parotid gland -----	43
Superficial nerves of face -----	43
Superficial blood-vessels of face -----	44
Muscles of face and front of head -----	44
Structures in relation to temporal and infratemporal fossae -----	44
Fascia, muscles and vessels -----	44
Mandibular articulation -----	46
Nerves -----	46
Mandibular canal -----	46
Submaxillary canal -----	47
Superficial structures in submaxillary region -----	47
Deeper structures in submaxillary region -----	47
Structures in relation to deeper regions of neck and base of cranium--	47
Otic ganglion, tensor veli palatini, stylopharyngeus muscles-----	47
Blood-vessels -----	48

31	Transcranial structures in relation to brain and cranial wall
32	Structures exposed by removal of calvaria
33	Structures exposed by removal of dura mater
34	Base of cranial nerves
35	General anatomical characteristics of exposed base of
36	cranium and related dura mater
37	Skull of the adult
38	Articular
39	Hypophyseal
40	Structure in the lateral and anterior regions of neck
41	Surface anatomy
42	Regions of the neck
43	Superficial fascia, vessels, veins and lymphatic vessels
44	Deep cervical fascia and associated structures
45	Posterior triangle
46	Occipital triangle
47	Suboccipital triangle
48	Submandibular part of brachial plexus
49	Muscles in floor of posterior triangle
50	Anterior triangle
51	Submaxillary or sublingual triangle
52	Carotid triangle
53	Levator triangle
54	Structures in relation to superior vena cava and arch of aorta
55	Subclavicular region
56	Intercostal region
57	Region of neck: vessels and other structures
58	Sternoclavicular articulation
59	Root of neck
60	Neck
61	Blood-vessels and lymphatics
62	Nerves
63	Forming structures at root of neck
64	Cervical plexus and vessels of neck
65	Arch of neck and root
66	Region of neck of head and neck
67	Fascia, superficial nerves and muscles
68	Muscles in relation to back of neck
69	Deep blood-vessels and nerves of back of neck
70	Anterior and lateral regions of head
71	Surface anatomy
72	Regions of face
73	Facial and parotid gland
74	Superficial nerves of face
75	Superficial blood-vessels of face
76	Structure of face and front of head
77	Structure in relation to temporal and zygomatic fossae
78	Facial muscles and vessels
79	Parotid gland
80	Nerve
81	Handwritten notes
82	Submaxillary gland
83	Superficial structures in submaxillary region
84	Deep structures in submaxillary region
85	Structure in relation to deeper regions of back and neck
86	Oral cavity, tongue and pharynx
87	Blood-vessels

	Page
Nerves -----	49
Sympathetic trunk -----	49
Structures in relation to cervical part of vertebral column, and posterior part of base of skull -----	50
Muscles, nerves and blood-vessels -----	50
Articulations of cervical vertebrae III-VII -----	50
Articulations of epistropheus, atlas and occipital bone -----	50
Cervical part of vertebral canal and spinal cord -----	51
Remaining structures in anterior part of head and neck -----	51
Pharynx -----	52
Muscles and fascia of pharynx -----	52
Cavity of pharynx -----	52
Mouth and fauces -----	53
General characteristics of cavity of mouth -----	53
Mucous membrane of mouth -----	54
Glands of mouth -----	54
Teeth -----	54
Tongue -----	54
Fauces -----	54
Soft palate and related structures -----	54
Muscles -----	54
Arteries -----	55
Nerves -----	55
Auditory tube -----	55
Nasal cavity -----	55
Nasal septum -----	55
Cavity and lateral walls of nose -----	55
Paranasal sinuses -----	56
Nerves and vessels in lateral wall of nasal cavity -----	56
Nasal cartilages -----	56
Larynx -----	56
Cavity of larynx -----	56
Laryngeal muscles, hyothyreoid and elastic membrane -----	57
Laryngeal nerves and vessels -----	57
Laryngeal cartilages and ligaments -----	58
Tongue -----	59
General characteristics and surface anatomy -----	59
Muscles of tongue -----	39
Nerves and vessels of the tongue -----	60
Structures in middle cranial fossa -----	60
Eyelids and lacrimal apparatus -----	61
Eyelids -----	61
Lacrimal apparatus -----	61
Structures in relation to orbit -----	61
Structures in superior part of orbit and fascia of eyeball -----	61
Optic nerve, nasociliary nerve and ciliary ganglion -----	62
Blood-vessels of orbit -----	62
Remaining structures of orbit -----	62
Structures in carotid and infraorbital canals and pterygopalatine fossa -----	63
Carotid canal -----	63
Maxillary nerve and infraorbital canal -----	63
Sphenopalatine ganglion -----	64
Internal maxillary artery -----	64
Auditory apparatus: external and middle ear -----	64
Walls of tympanic cavity -----	64
Auditory ossicles, articulations, ligaments and muscles -----	65
External acoustic meatus -----	66
Intraosseous course of facial, intermediate and acoustic nerves -----	66

	<u>Page</u>
Brain: General characteristics, meninges, blood vessels and cerebral nerves	67
Larger subdivisions of brain	67
Meninges and blood vessels of brain	67
Meninges	67
Blood vessels	68
Base of brain and cerebral nerves	68
Base of brain	68
Cerebral nerves	69
Brain: Surface anatomy of rhombencephalon and mesencephalon	69
Rhombencephalon	69
Medulla oblongata	70
Pons	70
Isthmus of rhombencephalon	70
Cerebellum	70
Fourth ventricle	71
Floor of fourth ventricle	71
Roof of fourth ventricle	71
Mesencephalon	71
Brain: Surface anatomy of prosencephalon	71
General subdivisions of prosencephalon	71
Telencephalon	72
Pallium: general characteristics	72
Lobes of cerebrum	72
Medial surface of hemisphere	73
Rhinnencephalon	74
Hypothalamus	74
Corpus callosum	74
Ventriculus lateralis	74
Septum pellucidum, fornix and tela chorioidea	75
Thalamencephalon	76
Thalamus	76
Metathalamus	76
Epithalamus	76
Ventriculus tertius	77
Brain: Sections through brain	77
Structures in sections of medulla oblongata	77
Structures in sections of pons	77
Structures in sections of cerebellum	77
Structures in sections of rhombencephalic isthmus and mesencephalon	77
Sections of isthmus rhombencephali	77
Sections of pedunculus cerebri	77
In sections of corpora quadrigemina	78
Structures in sections through prosencephalon	78
Sections of hypothalamus	78
Sections of thalamencephalon	78
Sections of telencephalon	78
Organ of Vision	78
Optic nerve	78
Bulbus oculi	78
Tunica fibrosa oculi	79
Sclera	79
Cornea	79
Tunica vasculosa oculi	79
Chorioidea	79
Corpus ciliare	80

57	Brain: General characteristics, blood vessels and cerebral
58	General characteristics
59	Larger subdivisions of brain
60	Arteries and blood vessels of brain
61	Veins
62	Blood vessels
63	Sensory and motor pathways
64	Sensory pathways
65	Motor pathways
66	Brain: General characteristics and organization
67	Brain: General characteristics
68	Brain: General characteristics
69	Brain: General characteristics
70	Brain: General characteristics
71	Brain: General characteristics
72	Brain: General characteristics
73	Brain: General characteristics
74	Brain: General characteristics
75	Brain: General characteristics
76	Brain: General characteristics
77	Brain: General characteristics
78	Brain: General characteristics
79	Brain: General characteristics
80	Brain: General characteristics
81	Brain: General characteristics
82	Brain: General characteristics
83	Brain: General characteristics
84	Brain: General characteristics
85	Brain: General characteristics
86	Brain: General characteristics
87	Brain: General characteristics
88	Brain: General characteristics
89	Brain: General characteristics
90	Brain: General characteristics
91	Brain: General characteristics
92	Brain: General characteristics
93	Brain: General characteristics
94	Brain: General characteristics
95	Brain: General characteristics
96	Brain: General characteristics
97	Brain: General characteristics
98	Brain: General characteristics
99	Brain: General characteristics
100	Brain: General characteristics

	<u>Page</u>
Iris -----	80
Ciliary nerves and vessels -----	80
Pigment layer -----	80
Retina -----	80
Vitreous body -----	81
Zonula ciliaris -----	81
Crystalline lens -----	81
Chambers of eyeball -----	81

ABDOMEN AND PELVIS

General characteristics -----	82
Subdivisions of abdomen and pelvis -----	82
Surface anatomy -----	82
Regions -----	82
Perineal region -----	83
Surface anatomy -----	83
Perineal region in general -----	83
Pudendal region in the male -----	83
Pudendal region in the female -----	83
Urogenital region: structures external to urogenital diaphragm-----	83
In the male -----	83
In the female -----	84
Urogenital diaphragm -----	84
Inferior fascia of the urogenital diaphragm -----	84
Structures in the urogenital diaphragm in the male -----	85
Structures in the urogenital diaphragm in the female -----	85
Anal region -----	85
Anterior abdominal wall -----	86
Fascia, cutaneous nerves and vessels -----	86
Deeper structures of anterior abdominal wall -----	86
Muscles and related structures -----	86
Internal surface of anterior abdominal wall -----	87
Inguinal canal, scrotum spermatic cord and testis -----	88
Inguinal canal -----	88
Scrotum and spermatic cord -----	88
Testis -----	88
Abdominal cavity, peritoneum and viscera -----	89
Abdominal cavity and peritoneum -----	89
General characteristics of abdominal cavity, viscera and peritoneum -----	89
Peritoneal folds and fossa in relation to small and large intestine -----	89
Peritoneal ligaments in relation to liver stomach and spleen -----	89
Omental bursa -----	90
Relations of pelvic peritoneum -----	90
Peritoneal relations in general -----	90
Mesenteric blood-vessels, nerves and lymphatics -----	90
Mesenterial small intestine and the large intestine -----	91
Mesenterial small intestine -----	91
Large intestine -----	91
Structures in relation to the wall of the omental bursa -----	92
Biliary ducts and vessels in the lesser omentum -----	92
Remaining vessels in relation to walls of omental bursa-----	92

	Page
Duodenum and pancreas -----	93
Duodenum -----	93
Pancreas -----	93
Stomach and spleen -----	93
Stomach -----	93
Spleen -----	93
Sympathetic plexuses in relation to coeliac ganglion and coeliac plexus -----	94
Liver -----	94
Suprarenal gland, kidney and ureter -----	95
Suprarenal gland, testis -----	95
Vascular supply of the kidney and Suprarenal gland -----	96
Kidney -----	96
Ureter -----	96
Diaphragm -----	96
Structures in relation to the posterior abdominal wall -----	96
Blood-vessels and lymphatics -----	96
Arteries -----	97
Veins and lymphatics -----	97
Fascia and muscles of posterior abdominal wall -----	97
Nerves of the posterior abdominal wall -----	98
Pelvis -----	98
Osteology -----	98
Peritoneum and fascia in relation to the pelvis -----	99
Peritoneal folds in male pelvis -----	99
Peritoneum of female pelvis -----	99
Fascia -----	99
Pelvic viscera -----	100
In the male pelvis -----	100
In the female pelvis -----	101
Pelvic blood vessels (male and female) -----	102
Arteries -----	102
Veins -----	103
Pelvic muscles and nerves -----	103
Pelvic articulations -----	103

THE INFERIOR EXTREMITY

General characteristics of inferior extremity -----	105
Subdivisions -----	105
Regions -----	105
Gluteal region -----	105
Surface anatomy -----	105
Fascia and cutaneous nerves -----	106
Glutaeus maximus muscle -----	106
Structures exposed by reflection of glutaeus maximus muscle -----	106
Structures distal to the piriformis muscle -----	106
Structures proximal and lateral to the piriformis muscle -----	107
Structures exposed by reflection of glutaeus minimus muscle -----	107
Popliteal space -----	107
Surface anatomy -----	107
Fascia, superficial nerves and vessels -----	107
Popliteal space: large nerves and vessels -----	108
Popliteal space: medial and lateral boundaries -----	108
Contents of popliteal space -----	108
Nerves -----	108
Blood-vessels and lymphatics -----	108

100
 99
 98
 97
 96
 95
 94
 93
 92
 91
 90
 89
 88
 87
 86
 85
 84
 83
 82
 81
 80
 79
 78
 77
 76
 75
 74
 73
 72
 71
 70
 69
 68
 67
 66
 65
 64
 63
 62
 61
 60
 59
 58
 57
 56
 55
 54
 53
 52
 51
 50
 49
 48
 47
 46
 45
 44
 43
 42
 41
 40
 39
 38
 37
 36
 35
 34
 33
 32
 31
 30
 29
 28
 27
 26
 25
 24
 23
 22
 21
 20
 19
 18
 17
 16
 15
 14
 13
 12
 11
 10
 9
 8
 7
 6
 5
 4
 3
 2
 1

STANDARD AUCTIONEER

101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237
238
239
240
241
242
243
244
245
246
247
248
249
250
251
252
253
254
255
256
257
258
259
260
261
262
263
264
265
266
267
268
269
270
271
272
273
274
275
276
277
278
279
280
281
282
283
284
285
286
287
288
289
290
291
292
293
294
295
296
297
298
299
300
301
302
303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
328
329
330
331
332
333
334
335
336
337
338
339
340
341
342
343
344
345
346
347
348
349
350
351
352
353
354
355
356
357
358
359
360
361
362
363
364
365
366
367
368
369
370
371
372
373
374
375
376
377
378
379
380
381
382
383
384
385
386
387
388
389
390
391
392
393
394
395
396
397
398
399
400
401
402
403
404
405
406
407
408
409
410
411
412
413
414
415
416
417
418
419
420
421
422
423
424
425
426
427
428
429
430
431
432
433
434
435
436
437
438
439
440
441
442
443
444
445
446
447
448
449
450
451
452
453
454
455
456
457
458
459
460
461
462
463
464
465
466
467
468
469
470
471
472
473
474
475
476
477
478
479
480
481
482
483
484
485
486
487
488
489
490
491
492
493
494
495
496
497
498
499
500
501
502
503
504
505
506
507
508
509
510
511
512
513
514
515
516
517
518
519
520
521
522
523
524
525
526
527
528
529
530
531
532
533
534
535
536
537
538
539
540
541
542
543
544
545
546
547
548
549
550
551
552
553
554
555
556
557
558
559
560
561
562
563
564
565
566
567
568
569
570
571
572
573
574
575
576
577
578
579
580
581
582
583
584
585
586
587
588
589
590
591
592
593
594
595
596
597
598
599
600
601
602
603
604
605
606
607
608
609
610
611
612
613
614
615
616
617
618
619
620
621
622
623
624
625
626
627
628
629
630
631
632
633
634
635
636
637
638
639
640
641
642
643
644
645
646
647
648
649
650
651
652
653
654
655
656
657
658
659
660
661
662
663
664
665
666
667
668
669
670
671
672
673
674
675
676
677
678
679
680
681
682
683
684
685
686
687
688
689
690
691
692
693
694
695
696
697
698
699
700
701
702
703
704
705
706
707
708
709
710
711
712
713
714
715
716
717
718
719
720
721
722
723
724
725
726
727
728
729
730
731
732
733
734
735
736
737
738
739
740
741
742
743
744
745
746
747
748
749
750
751
752
753
754
755
756
757
758
759
760
761
762
763
764
765
766
767
768
769
770
771
772
773
774
775
776
777
778
779
780
781
782
783
784
785
786
787
788
789
790
791
792
793
794
795
796
797
798
799
800
801
802
803
804
805
806
807
808
809
810
811
812
813
814
815
816
817
818
819
820
821
822
823
824
825
826
827
828
829
830
831
832
833
834
835
836
837
838
839
840
841
842
843
844
845
846
847
848
849
850
851
852
853
854
855
856
857
858
859
860
861
862
863
864
865
866
867
868
869
870
871
872
873
874
875
876
877
878
879
880
881
882
883
884
885
886
887
888
889
890
891
892
893
894
895
896
897
898
899
900
901
902
903
904
905
906
907
908
909
910
911
912
913
914
915
916
917
918
919

	Page
Floor of popliteal space -----	108
Posterior part of thigh -----	109
Fascia and cutaneous nerves -----	109
Muscles -----	109
Nerves and blood-vessels -----	109
Anterior part of thigh -----	109
Surface anatomy -----	109
Regions in relation to anterior aspect of thigh -----	110
Fascia, superficial vessels, lymphatics and cutaneous nerves ----	110
Superficial fascia, blood-vessels and lymphatics -----	110
Fossa ovalis -----	110
Cutaneous nerves, superficial praepatellar bursae -----	110
Deep fascia and related ligaments -----	111
Femoral sheath -----	111
Femoral trigone and its contents -----	111
Adductor canal and its contents -----	112
Muscles of the front of thigh -----	112
Medial side of thigh -----	113
Muscles, nerves and vessels -----	114
Hip joint -----	114
Structures in relation to hip joint -----	114
Leg and foot -----	114
General characteristics -----	114
Subdivisions -----	114
Surface anatomy -----	115
Regions -----	115
Anterior region of leg and dorsum of foot -----	115
Superficial fascia, cutaneous nerves and vessels -----	115
Deep fascia -----	116
Muscles in anterior region of leg -----	116
Arteries -----	116
Nerves -----	116
Muscles of dorsum of foot -----	117
Lateral or peroneal region of leg -----	117
Deep fascia and muscles -----	117
Nerves -----	117
Medial region of leg -----	117
Posterior region of leg and heel -----	117
Fascia, superficial vessels and cutaneous nerves -----	117
Muscles: superficial group -----	118
Muscles: deep group -----	118
Arteries -----	118
Nerves -----	119
Lacinate ligament -----	119
Plantar region of foot -----	119
Fascia and superficial veins -----	119
Muscles: superficial layer -----	119
Plantar arteries -----	119
Plantar nerves -----	120
Muscles: second layer of muscles and tendons -----	120
Muscles: third layer -----	120
Plantar arch and deep division of plantar nerve -----	120
Interosseous muscles and deep tendons -----	120

	<u>Page</u>
Articulations of leg and foot -----	120
Knee joint -----	121
Ankle joint -----	121
Tibiofibular joints -----	121
Intertarsal articulations -----	121
Tarsometatarsal articulations -----	122
Intermetatarsal articulations -----	122
Metatarsophalangeal articulations -----	122
Articulations of toes -----	122

Part Two

S y s t e m a t i c A n a t o m y

GENERAL ANATOMICAL TERMS.

Terms Indicating the Position and Direction of Parts of the Body -----	1
Terms Relating to the Body in General -----	1
Terms Relating to the Extremities -----	1
General Anatomical Terms -----	2

PARTS OF THE HUMAN BODY.

Head -----	4
Cranium -----	4
Face -----	4
Eye -----	4
Nose -----	4
Mouth -----	4
Neck -----	4
Trunk -----	4
Thorax -----	4
Back -----	4
Abdomen -----	4
Pelvis -----	5
Superior Extremities -----	5
Inferior Extremities -----	5

OSTEOLOGY

Vertebral Column, or Spine -----	6
Atlas -----	6
Epistropheus -----	7
Sacrum -----	7
Coccyx -----	7
Thorax -----	7
Ribs -----	7
Sternum -----	7
Thorax (general characteristics) -----	7
Bones of the Cranium -----	7
Basilar Bone -----	7
Occipital Bone -----	7
Sphenoid Bone -----	8
Temporal Bone -----	8

	<u>Page</u>
Parietal Bone -----	9
Frontal Bone -----	10
Ethmoid Bone -----	10
Inferior nasal concha -----	10
Lacrimal Bone -----	10
Nasal Bone -----	10
Vomer -----	10
Bones of the Face -----	10
Maxilla -----	10
Palate Bone -----	11
Zygomatic Bone -----	11
Mandible -----	11
Hyoid Bone -----	12
Cranium -----	12
Sutures of the Cranium -----	12
Synchondroses of the Cranium -----	13
Bones of the superior Extremity -----	13
Shoulder girdle -----	13
Scapula -----	13
Clavicle -----	13
Skeleton of free upper Extremity -----	13
Humerus -----	13
Radius -----	14
Ulna -----	14
Carpus -----	14
Metacarpus -----	14
Phalanges -----	14
Bones of the inferior Extremity -----	15
Pelvic girdle -----	15
Hip Bone -----	15
Ilium -----	15
Ischium -----	15
Pubis -----	15
Pelvis -----	15
Skeleton of free lower Extremity -----	15
Femur -----	15
Fibula -----	16
Patella -----	16
Tarsus -----	16
Talus -----	16
Calcaneus -----	17
Navicular Bone -----	17
Cuneiform Bones -----	17
Cuboid Bone -----	17
Metatarsus -----	17
Phalanges -----	18

SYNDESMOLOGY

Ligaments of the Vertebral Column and Cranium -----	18
Atlantooccipital articulation -----	19
Atlantoepistrophic articulation -----	19
Costovertebral articulations -----	19
Capitular articulations -----	19
Costotransverse articulations -----	19
Sternocostal articulations -----	19

YOUNG

18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1

CONTENTS

XVII.

	Page
Mandibular articulation	19
Ligaments of the shoulder girdle	19
Acromioclavicular articulation	19
Sternoclavicular articulation	19
Shoulder-joint	19
Elbow-joint	19
Distal radioulnar articulation	20
Articulation of the hand	20
Articulation of the pisiform bone	20
Carpometacarpal articulations	20
Carpometacarpal articulation of the thumb	20
Intermetacarpal articulations	20
Metacarpophalangeal articulations	20
Articulations of the fingers	20
Ligaments of the pelvic Girdle	20
Sacro-Iliac articulation	20
Symphysis of Pubic Bones	20
Hip-joint	20
Knee-joint	21
Tibiofibular articulation	21
Tibiofibular Syndesmosis	21
Articulations of the Foot	21
Talocrural articulation (Ankle joint)	21
Intertarsal articulations	21
Talocalcaneonavicular articulation	21
Talocalcanean articulation	21
Chopart's Transverse Articulation of the Tarsus	21
Talonavicular articulation	21
Calcaneocuboid articulation	21
Cuneonavicular articulation	21
Interosseous Ligaments of Tarsus	21
Dorsal Ligaments of Tarsus	21
Plantar Ligaments of Tarsus	21
Tarsometatarsal articulations	22
Intermetatarsal articulations	22
Metatarsophalangeal articulations	22
Articulations of the Toes	22

MYOLOGY OR MUSCULATURE

Muscles of Back	23
Muscles of the Head	24
Muscles of the Hyoid Bone	24
Muscles of the Neck	24
Muscles of the Thorax	24
Muscles of the Abdomen	25
Coccygeal Muscles	25
Muscles of the superior Extremity	25
Muscles of the Inferior Extremity	26

101	Articulations of the Skull
102	Articulations of the Jaws
103	Articulations of the Limbs
104	Articulations of the Thorax
105	Articulations of the Pelvis
106	Articulations of the Cervical Vertebrae
107	Articulations of the Thoracic Vertebrae
108	Articulations of the Lumbar Vertebrae
109	Articulations of the Sacrum
110	Articulations of the Coccyx
111	Articulations of the Ribs
112	Articulations of the Sternum
113	Articulations of the Scapula
114	Articulations of the Humerus
115	Articulations of the Radius and Ulna
116	Articulations of the Carpals
117	Articulations of the Metacarpals
118	Articulations of the Phalanges
119	Articulations of the Pelvis
120	Articulations of the Femur
121	Articulations of the Patella
122	Articulations of the Tibia and Fibula
123	Articulations of the Tarsals
124	Articulations of the Metatarsals
125	Articulations of the Phalanges

MUSCLES OF THE LIMBS

126	Muscles of the Neck
127	Muscles of the Head
128	Muscles of the Thorax
129	Muscles of the Abdomen
130	Muscles of the Pelvis
131	Muscles of the Limbs
132	Muscles of the Hand
133	Muscles of the Foot

BURSAE AND MUCOUS SHEATHSSPLANCHNOLOGYDigestive System

Oral cavity	30
Oral mucous membrane	30
Oral glands	31
Teeth	31
Tongue	31
Fauces	32
Muscles of the palate and fauces	32
Pharynx	32
Digestive tube	32
Oesophagus	32
Stomach	32
Small intestine	33
Large intestine	33
Rectum	33
Pancreas	34
Liver	34
Spleen	35

Respiratory System

Nasal Cavity	35
External Nose	35
Larynx	36
Laryngeal Muscles	36
Laryngeal Cavity	37
Trachea and Bronchi	37
Lung	37
Thoracic Cavity	38
Thyroid Gland	38
Glomus caroticum	38
Thymus	38

Urogenital System

Uropoietic Organs	38
Kidney	38
Renal Arteries	39
Renal Veins	39
Ureter	39
Urinary Bladder	39
Suprarenal Gland	39
Genital or reproductive Organs	39
Male Genital Organs	39
Testis	39
Seminal Vesicle	40
Spermatic Cord and tunics of the Testis and spermatic Cord	40
Prostate	40
Bulbo-urethral Gland	40
External Genital Structures	40
Penis	40

RESPIRATORY SYSTEM

Trachea

Bronchi

1. The trachea is a cartilaginous tube that carries air from the larynx to the bronchi. It is supported by C-shaped cartilaginous rings and a posterior band of smooth muscle. The inner lining is composed of ciliated columnar epithelium that moves mucus and debris out of the airway. The trachea is approximately 11 cm long and 2.5 cm in diameter.

2. The bronchi branch from the trachea into the lungs. They are also lined with ciliated columnar epithelium and have a thicker wall than the trachea, containing more smooth muscle. The bronchi divide into bronchioles, which eventually lead to the alveoli.

3. The lungs are the primary organs of the respiratory system. They are located in the thoracic cavity and are covered by a double-layered pleural membrane. The lungs contain millions of alveoli, which are small air sacs where gas exchange occurs. The total surface area of the alveoli is approximately 70-80 m².

4. The diaphragm is a muscular partition that separates the thoracic cavity from the abdominal cavity. It contracts and relaxes to facilitate breathing. During inspiration, the diaphragm contracts and moves downward, increasing the volume of the thoracic cavity. During expiration, it relaxes and moves upward, decreasing the volume.

5. The pleural cavity is the space between the two layers of the pleural membrane. It contains a small amount of pleural fluid, which lubricates the surfaces and reduces friction during breathing.

Respiratory System

1. The respiratory system is responsible for the exchange of gases between the body and the environment. It consists of the trachea, bronchi, bronchioles, and alveoli.

2. The trachea is the windpipe, which carries air from the larynx to the bronchi. It is made of cartilage and has a diameter of about 2.5 cm.

3. The bronchi are the main airways that branch from the trachea into the lungs. They have a diameter of about 1-2 cm and are lined with cilia.

4. The bronchioles are smaller airways that branch from the bronchi. They have a diameter of about 0.5-1 cm and are also lined with cilia.

5. The alveoli are the smallest air sacs in the respiratory system. They are where gas exchange occurs. There are about 300 million alveoli in the lungs.

6. The diaphragm is a muscle that separates the chest from the abdomen. It contracts and relaxes to help with breathing.

7. The pleural cavity is the space between the two layers of the pleural membrane. It contains a small amount of fluid that lubricates the surfaces.

Respiratory System

1. The respiratory system is the part of the body that takes in oxygen and removes carbon dioxide. It includes the trachea, bronchi, and lungs.

2. The trachea is the windpipe, which carries air from the larynx to the bronchi. It is made of cartilage and has a diameter of about 2.5 cm.

3. The bronchi are the main airways that branch from the trachea into the lungs. They have a diameter of about 1-2 cm and are lined with cilia.

4. The bronchioles are smaller airways that branch from the bronchi. They have a diameter of about 0.5-1 cm and are also lined with cilia.

5. The alveoli are the smallest air sacs in the respiratory system. They are where gas exchange occurs. There are about 300 million alveoli in the lungs.

6. The diaphragm is a muscle that separates the chest from the abdomen. It contracts and relaxes to help with breathing.

7. The pleural cavity is the space between the two layers of the pleural membrane. It contains a small amount of fluid that lubricates the surfaces.

8. The respiratory system is essential for life. Without it, the body would not be able to get the oxygen it needs to survive.

	<u>Page</u>
Male Urethra -----	41
Scrotum -----	41
Female Genital Organs -----	41
Ovary -----	41
Uterine Tube -----	41
Uterus -----	41
Vagina -----	42
Epoophoron -----	42
Paroophoron -----	42
External Genital Parts -----	42
Greater Vestibular Gland (of Bartholin) -----	42
Clitoris -----	42
Female Urethra -----	42
Perineum -----	43
Peritoneum -----	43

ANGIOLOGY

Heart -----	44
Right Atrium -----	46
Right Ventricle -----	46
Left Atrium -----	46
Left Ventricle -----	46
Arteries -----	46
Pulmonary Artery -----	46
Aorta -----	46
Innominate artery -----	46
Common Carotid Artery -----	46
External Carotid Artery -----	46
Superior Thyreoid Artery -----	46
Ascending Pharyngeal Artery -----	47
Lingual Artery -----	47
External Maxillary Artery -----	47
Sternocleidomastoid Artery -----	47
Occipital Artery -----	47
Posterior Auricular Artery -----	47
Superficial Temporal Artery -----	47
Internal Maxillary Artery -----	47
Internal Carotid Artery -----	47
Ophthalmic Artery -----	47
Cerebral Arteries -----	48
Subclavian Artery -----	48
Vertebral Artery -----	48
Basilar Artery -----	48
Internal Mammary Artery -----	48
Thyreocervical Trunk -----	48
Inferior Thyreoid Artery -----	48
Ascending Cervical Artery -----	48
Transverse Scapular Artery -----	48
Costocervical Trunk -----	48
Transverse Cervical Artery -----	48
Axillary Artery -----	48
Highest Thoracic Artery -----	49
Thoraco acromial Artery -----	49
Lateral Thoracic Artery -----	49
Subscapular Artery -----	49

Index

1	Index
2	Index
3	Index
4	Index
5	Index
6	Index
7	Index
8	Index
9	Index
10	Index
11	Index
12	Index
13	Index
14	Index
15	Index
16	Index
17	Index
18	Index
19	Index
20	Index
21	Index
22	Index
23	Index
24	Index
25	Index
26	Index
27	Index
28	Index
29	Index
30	Index
31	Index
32	Index
33	Index
34	Index
35	Index
36	Index
37	Index
38	Index
39	Index
40	Index
41	Index
42	Index
43	Index
44	Index
45	Index
46	Index
47	Index
48	Index
49	Index
50	Index
51	Index
52	Index
53	Index
54	Index
55	Index
56	Index
57	Index
58	Index
59	Index
60	Index
61	Index
62	Index
63	Index
64	Index
65	Index
66	Index
67	Index
68	Index
69	Index
70	Index
71	Index
72	Index
73	Index
74	Index
75	Index
76	Index
77	Index
78	Index
79	Index
80	Index
81	Index
82	Index
83	Index
84	Index
85	Index
86	Index
87	Index
88	Index
89	Index
90	Index
91	Index
92	Index
93	Index
94	Index
95	Index
96	Index
97	Index
98	Index
99	Index
100	Index

Index

1	Index
2	Index
3	Index
4	Index
5	Index
6	Index
7	Index
8	Index
9	Index
10	Index
11	Index
12	Index
13	Index
14	Index
15	Index
16	Index
17	Index
18	Index
19	Index
20	Index
21	Index
22	Index
23	Index
24	Index
25	Index
26	Index
27	Index
28	Index
29	Index
30	Index
31	Index
32	Index
33	Index
34	Index
35	Index
36	Index
37	Index
38	Index
39	Index
40	Index
41	Index
42	Index
43	Index
44	Index
45	Index
46	Index
47	Index
48	Index
49	Index
50	Index
51	Index
52	Index
53	Index
54	Index
55	Index
56	Index
57	Index
58	Index
59	Index
60	Index
61	Index
62	Index
63	Index
64	Index
65	Index
66	Index
67	Index
68	Index
69	Index
70	Index
71	Index
72	Index
73	Index
74	Index
75	Index
76	Index
77	Index
78	Index
79	Index
80	Index
81	Index
82	Index
83	Index
84	Index
85	Index
86	Index
87	Index
88	Index
89	Index
90	Index
91	Index
92	Index
93	Index
94	Index
95	Index
96	Index
97	Index
98	Index
99	Index
100	Index

	Page
Anterior Circumflex humeral Artery -----	49
Posterior Circumflex humeral Artery -----	49
Brachial Artery -----	49
Profunda Brachii Artery -----	49
Superior Ulnar Collateral Artery -----	49
Inferior Ulnar Collateral Artery -----	49
Radial Artery -----	49
Ulnar Artery -----	49
Thoracic Aorta -----	49
Intercostal Arteries -----	49
Abdominal Aorta -----	50
Inferior Phrenic Artery -----	50
Lumbar Arteries -----	50
Middle Sacral Artery -----	50
Coeliac Artery -----	50
Superior Mesenteric Artery -----	50
Inferior Mesenteric Artery -----	50
Middle Suprarenal Artery -----	50
Renal Artery -----	50
Internal Spermatic Artery -----	50
Testicular Artery -----	50
Ovarian Artery -----	50
Common Iliac Artery -----	50
Hypogastric Artery -----	50
Iliolumbar Artery -----	50
Lateral Sacral Artery -----	50
Obturator Artery -----	50
Superior Gluteal Artery -----	51
Inferior Gluteal Artery -----	51
Umbilical Artery -----	51
Inferior Vesical Artery -----	51
Deferential Artery -----	51
Uterine Artery -----	51
Middle Hemorrhoidal Artery -----	51
Internal Pudendal Artery -----	51
External Iliac Artery -----	51
Inferior Epigastric Artery -----	51
Deep Circumflex -----	51
Femoral Artery -----	51
Popliteal Artery -----	51
Anterior Tibial Artery -----	52
Posterior Tibial Artery -----	52
Veins -----	52
Pulmonary Veins -----	52
Cardiac Veins -----	52
Superior Vena Cava -----	52
Right and Left Innominate Veins -----	52
Internal Jugular Vein -----	52
Sinuses of the Dura Mater -----	53
Cerebral Veins -----	53
Superior Ophthalmic Vein -----	53
Common Facial Vein -----	53
Anterior Facial Vein -----	53
Posterior Facial Vein -----	54
External Jugular Vein -----	54
Subclavian Vein -----	54

	<u>Page</u>
Axillary Vein -----	54
Azygos Vein -----	54
Inferior Vena Cava -----	55
Portal Vein -----	55
Common Iliac Vein -----	55
Hypogastric Vein -----	55
External Iliac Veins -----	55
Lymphatic System -----	56
Lymphatic Vessels -----	56
Thoracic Duct -----	56
Lymph Glands -----	56
Lymphatic Plexuses -----	57

NEUROLOGY

Central nervous system.

Spinal cord -----	58
Sections of spinal cord -----	58
Encephalon (brain) -----	59
Rhombencephalon -----	59
Myelencephalon (medulla oblongata) -----	59
Sections of medulla oblongata -----	59
Metencephalon (hind-brain) -----	60
Pons -----	60
Sections of pons -----	60
Cerebellum -----	60
Sections of cerebellum -----	61
Isthmus of Rhombencephalon -----	61
Sections of Isthmus -----	61
Cerebrum -----	61
Mesencephalon (mid-brain) -----	61
Sections of cerebral peduncle -----	61
Sections of quadrigeminal bodies -----	62
Prosencephalon (fore-brain) -----	62
Diencephalon (inter-brain) -----	62
Hypothalamus -----	62
Sections of hypothalamus -----	62
Thalamencephalon -----	62
Thalamus -----	62
Metathalamus -----	62
Epithalamus -----	62
Sections of thalamencephalon -----	62
Telencephalon (end-brain) -----	63
Hemisphere -----	63
Pallium -----	63
Medial surface of hemisphere -----	63
Corpus callosum -----	64
Fornix -----	64
Septum pellucidum -----	64
Lateral ventricle -----	64
Rhinnencephalon -----	64
Sections of telencephalon -----	64
Meninges -----	65

Peripheral nervous system.

Cerebral nerves -----	66
Olfactory nerves -----	66
Optic Nerve -----	66
Oculomotor Nerve -----	66
Trochlear Nerve -----	66
Trigeminal Nerve -----	66
Ophthalmic Nerve -----	66
Maxillary Nerve -----	66
Mandibular Nerve -----	67
Abducent Nerve -----	67
Facial Nerve -----	67
Acoustic Nerve -----	67
Glossopharyngeal Nerve -----	68
Vagus Nerve -----	68
Accessory Nerve -----	68
Hypoglossal Nerve -----	68
Spinal Nerves -----	68
Cervical Nerves -----	69
Brachial Plexus -----	69
Median Nerve -----	69
Ulnar Nerve -----	69
Radial Nerve $\frac{1}{2}$ -----	69
Thoracic Nerves -----	69
Lumbar, Sacral, and Coccygeal Nerves -----	70
Lumbosacral Plexus -----	70
Lumbar Plexus -----	70
Iliohypogastric Nerve -----	70
Ilioinguinal Nerve -----	70
Genitofemoral -----	70
Lateral femoral cutaneous Nerve -----	70
Obturator Nerve -----	70
Femoral Nerve -----	70
Sacral plexus -----	70
Sciatic Nerve -----	70
Pudendal plexus -----	71
Coccygeal Nerve -----	71

Sympathetic Nervous System.

Cephalic and cervical parts of the sympathetic system -----	71
Thoracic part of the sympathetic system -----	72
Abdominal and pelvic parts of the sympathetic system -----	72

SENSE ORGANS AND COMMON INTEGUMENT.

Organ of Vision -----	73
Eye -----	73
Optic Nerve -----	73
Eyeball -----	73
Fibrous Tunic of Eye -----	73
Sclera -----	73
Cornea -----	73
Vascular Coat of Eye -----	73

1000

1. Spinal Nerve
 2. Cervical Nerve
 3. Tracheal Plexus
 4. Median Nerve
 5. Ulnar Nerve
 6. Radial Nerve
 7. Thoracic Nerve
 8. Lumbar, Sacral, and Coccygeal Nerves
 9. Lumbar Plexus
 10. Sacral Plexus
 11. Iliohypogastric Nerve
 12. Ilioinguinal Nerve
 13. Genitofemoral Nerve
 14. Lateral Femoral Cutaneous Nerve
 15. Femoral Nerve
 16. Saphenous Nerve
 17. Soleus Nerve
 18. Plantar Plexus
 19. Coccygeal Nerve

1945-1946: 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839,

17 _____ system of the _____ system
18 _____ part of the _____ system
19 _____ and _____ part of the _____ system

INSTITUTIONAL INVESTORS

1. The first part of the document is a list of names and addresses, which are arranged in a columnar format. The names are written in a cursive script, and the addresses are written in a more formal, printed style. The list includes names such as "John Smith", "Mary Jones", and "Robert Brown", along with their respective addresses.

2. The second part of the document is a series of short, handwritten notes or entries. These notes are written in a cursive script and are arranged in a columnar format. The notes appear to be a list of items or a record of events, with each entry starting with a date or a time.

3. The third part of the document is a series of short, handwritten notes or entries. These notes are written in a cursive script and are arranged in a columnar format. The notes appear to be a list of items or a record of events, with each entry starting with a date or a time.

4. The fourth part of the document is a series of short, handwritten notes or entries. These notes are written in a cursive script and are arranged in a columnar format. The notes appear to be a list of items or a record of events, with each entry starting with a date or a time.

5. The fifth part of the document is a series of short, handwritten notes or entries. These notes are written in a cursive script and are arranged in a columnar format. The notes appear to be a list of items or a record of events, with each entry starting with a date or a time.

	<u>Page</u>
Chorioid -----	73
Ciliary -is-----	73
Iris -----	73
Pigment layer -----	74
Retina -----	74
Anterior Chamber of the Eye -----	74
Posterior Chamber of the Eye -----	74
Vitreous Body -----	74
Crystalline -----	74
Ciliary Zonule -----	74
Accessory Organs of the Eye -----	74
Eye Muscles, orbital Fasciae -----	74
Eyebrow-----	75
Eyelids -----	75
Conjunctiva -----	75
Lacrimal Apparatus -----	75
Organ of Hearing -----	75
Internal Ear -----	75
Membranous Labyrinth -----	75
Osseous Labyrinth -----	76
Vestibule -----	76
Cochlea -----	76
Internal Acoustic Meatus -----	76
Tympanic Cavity -----	76
Tympanic Membrane -----	77
Auditory Ossicles -----	77
Joints of the Auditory Ossicles-----	78
Ligaments of the Auditory Ossicles -----	78
Muscles of the Auditory Ossicles -----	78
Tympanic Mucous Coat -----	78
Auditory or Eustachian Tube -----	78
External Acoustic Meatus -----	78
External Ear -----	78
Organ of Smell -----	79
Organ of Taste -----	79
Common Integument -----	79
Skin -----	79
Epidermis -----	79
Corium -----	79
Subcutaneous Tissue (tela subcutanea) -----	79
Terminal Corpuscles of Nerves -----	79
Hair -----	79
Nails -----	79
Glands of the Skin -----	79
Glomiform Glands -----	79
Sebaceous Glands -----	80
Breast -----	80

1111	Organ of Smell
1112	Organ of Taste
1113	Common Inguinal
1114	Blind
1115	Sigmoid
1116	Colon
1117	Epiploic Veins (Vasa epiploica)
1118	Terminal Appendix of Intestine
1119	Blind
1120	Blind
1121	Glands of the Skin
1122	Sebaceous Glands
1123	Sweat Glands
1124	Prostate Gland
1125	Uterus
1126	Vagina
1127	External Os of Uterus
1128	External Os of Uterus
1129	External Os of Uterus
1130	External Os of Uterus
1131	External Os of Uterus
1132	External Os of Uterus
1133	External Os of Uterus
1134	External Os of Uterus
1135	External Os of Uterus
1136	External Os of Uterus
1137	External Os of Uterus
1138	External Os of Uterus
1139	External Os of Uterus
1140	External Os of Uterus
1141	External Os of Uterus
1142	External Os of Uterus
1143	External Os of Uterus
1144	External Os of Uterus
1145	External Os of Uterus
1146	External Os of Uterus
1147	External Os of Uterus
1148	External Os of Uterus
1149	External Os of Uterus
1150	External Os of Uterus
1151	External Os of Uterus
1152	External Os of Uterus
1153	External Os of Uterus
1154	External Os of Uterus
1155	External Os of Uterus
1156	External Os of Uterus
1157	External Os of Uterus
1158	External Os of Uterus
1159	External Os of Uterus
1160	External Os of Uterus
1161	External Os of Uterus
1162	External Os of Uterus
1163	External Os of Uterus
1164	External Os of Uterus
1165	External Os of Uterus
1166	External Os of Uterus
1167	External Os of Uterus
1168	External Os of Uterus
1169	External Os of Uterus
1170	External Os of Uterus
1171	External Os of Uterus
1172	External Os of Uterus
1173	External Os of Uterus
1174	External Os of Uterus
1175	External Os of Uterus
1176	External Os of Uterus
1177	External Os of Uterus
1178	External Os of Uterus
1179	External Os of Uterus
1180	External Os of Uterus
1181	External Os of Uterus
1182	External Os of Uterus
1183	External Os of Uterus
1184	External Os of Uterus
1185	External Os of Uterus
1186	External Os of Uterus
1187	External Os of Uterus
1188	External Os of Uterus
1189	External Os of Uterus
1190	External Os of Uterus
1191	External Os of Uterus
1192	External Os of Uterus
1193	External Os of Uterus
1194	External Os of Uterus
1195	External Os of Uterus
1196	External Os of Uterus
1197	External Os of Uterus
1198	External Os of Uterus
1199	External Os of Uterus
1200	External Os of Uterus

REGIONS OF THE HUMAN BODY.

Regions of the	Head	-----	82
"	"	Face	82
"	"	Neck	82
"	"	Breast	83
"	"	Abdomen	83
"	"	Back	83
"	"	Superior Extremity	83
"	"	Inferior Extremity	84

COLORED PLATES OF REGIONS. (Omitted in present copy)

Plates showing Surface Anatomy and skeletal projections. (Omitted in present copy)

Part One

-----O-----

REGIONAL ANATOMY

REGIONS OF THE HUMAN BODY.

82	Regions of the Head	"	"
82	Face	"	"
82	Neck	"	"
82	Breast	"	"
82	Abdomen	"	"
82	Back	"	"
82	Superior Extremity	"	"
82	Inferior Extremity	"	"

COLOR PLATES OF REGIONS. (Omitted in present copy)

Plates showing Surface Anatomy and skeletal projections. (Omitted in present copy)

Part One

SUPERIOR EXTREMITY
REGIONAL ANATOMY

Part One

REGIONAL ANATOMY

ILIAO CHU

SUPERIOR EXTREMITY

SUPERIOR EXTERMINITY

.....
.....
.....

Regional Anatomy¹

SUPERIOR EXTREMITY

I. Structures of the Back: with reference primarily to

Structures in Relation to the Superior Extremity.

1. Surface anatomy

Structures which may be identified by inspection and palpation.

SPINOUS PROCESSES-6:37

VERTEBRA PROMINENS-6:38

MEDIAL ANGLE OF THE SCAPULA-13:52

INFERIOR ANGLE OF THE SCAPULA-13:50

SPINE OF THE SCAPULA-13:42

ACROMION-13:45

ILIAC CREST-15:18

¹In conformity with the Basle Anatomical Nomenclature (B N A) all brackets relating to anatomical terms are used in the following sense:

I. Oval brackets () indicate variations (varietates anatomicae).

II. Angular brackets [] contain explanatory additions, among which are included double names and personal names.

III. One affixed asterisk ^x is used to indicate ontogenetic expressions, (e.g. MEMBRANAE, DECIDUA^x -43:5, VENA UMBILICALIS^x-55:34, etc.).

IV. Two affixed asterisks ^{xx} are used in a few instances to indicate structures which may be either especially difficult to demonstrate by ordinary methods of dissection or appear relatively of secondary importance.

The numerals affixed to each term in the regional anatomy (Part I) cite the page and number of the same term in its systematic position in the outline of systematic anatomy (Part II). In connection with these cross references, it will be observed that the terms in Part I are anglicized in some instances and given in their Latin form in other instances, whereas in Part II the terms appear exclusively in Latin. In the latter case, the term corresponds with the original B N A; in the former case the term has been used in the form which appears to coincide with the usage common to the majority of standard American and English anatomical texts, but it is to be recognized that as yet there is no authoritative English list based on the B N A and that for the present decisions upon this point are necessarily largely dependent upon the individual preferences of author and student. (See also discussion in the Preface).

In general the subject matter is arranged with a view to practical utility. To this end the terms in Part I are grouped primarily in the sequence in which the corresponding structures may be exposed and observed in actual dissection. The text in small type gives concise statements of the more important incisions and dissections necessarily involved in an adequate demonstration of these structures as they are encountered in any given region. The page arrangement of the terms in general is such as to leave a certain amount of space available for marginal notes or references.

STIMMELZ ROBERT

1. Structure of the Book: with reference primarily to

Structure in Relation to the Superior Extremity

1. *Butyraceae* *Butyraceae*

Statements which may be identified by inspection and comparison.

76-232209-100170

100-211000-1000000

SP-CLARK - CHAS. CLARKSON

7-10-1963 OCT 10 1963

[illegible]

1915

DEPT. OF AGRICULTURE

...

in conformity with the basic Anatomical Nomenclature (B.N.A.) and prepared
relating to anatomical terms are used in the following manner:

- I. Over 100 years old
II. Between 50 and 100 years old
III. Between 25 and 50 years old
IV. Between 10 and 25 years old
V. Less than 10 years old

III. The United States will continue to support the efforts of the United Nations to achieve a peaceful settlement of the Cyprus problem.

1. 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631,

14. The following information is for information only and should not be used for any other purpose.

officially methods of dissemination appear relatively of secondary importance.

[illegible]

In general the subject matter is arranged with a view to practical utility to this end the terms in Part I are grouped primarily as the subjects in the corresponding word lists are exposed and observed in actual discussion. The text in small type represents the substance of the more important incidents and details necessary to give to an adequate understanding of these structures as they are observed in the living organism. The arrangement of the terms in general is such as to provide a certain amount of space available for making notes or references.

2. Regions of the back

MEDIAN REGION OF THE BACK-83:24
INTERSCAPULAR REGION-83:25
SCAPULAR REGION-83:26
SUPRASCAPULAR REGION-83:27
INFRASCAPULAR REGION-83:28
LUMBAR REGION-83:29
REGION OF THE HIP-83:30
SACRAL REGION-83:31
GLUTEAL REGION-83:32
PERINEAL REGION-83:33

3. Fascia, cutaneous nerves and vessels

Skin incisions: a) in the midline from the vertebra prominens to the tip of the coccyx; b) from the tip of the coccyx to the posterior superior iliac spine, thence along the iliac crest to within about 25 cm. of the anterior superior iliac spine; c) from the vertebra prominens to the medial margin of the acromion; d) from the spinous process of the first lumbar vertebra to the lateral margin of the acromion.

SUPERFICIAL FASCIA-23:36

MEDIAL CUTANEOUS RAMI OF POSTERIOR RAMI OF THORACIC NERVES-69:77

LATERAL CUTANEOUS RAMI OF POSTERIOR RAMI OF THORACIC NERVES-69:76

POSTERIOR RAMI OF LATERAL CUTANEOUS RAMI OF INTERCOSTAL NERVES-70:4

MEDIAL RAMI OF POSTERIOR RAMI OF LUMBAR, SACRAL AND COCCYGEAL NERVES-70:13, 19

LATERAL RAMI OF POSTERIOR RAMI OF LUMBAR NERVES-70:14

MEDIAL CUTANEOUS RAMI OF POSTERIOR RAMI OF INTERCOSTAL ARTERIES-49:63

DORSAL RAMI OF LUMBAR ARTERIES-50:10

POSTERIOR RAMI OF LATERAL CUTANEOUS RAMI OF ANTERIOR RAMI OF INTERCOSTAL ARTERIES-49:68

4. Muscles, nerves and vesselsa. Muscles: first layer

Exposed by removing both superficial and deep layers of fascia.

TRAPEZIUS MUSCLE-23:15

LATISSIMUS DORSI MUSCLE-23:17 Not including its insertion.

TRIGONUM LUMBALE-25:48

b. Structures in relation to the superior margin of the scapula

Demonstrated by detaching the thoracic part of the trapezius muscle at its origin, separating it from the cervical part of the muscle by a transverse incision at the level of the vertebra prominens, and reflecting the thoracic portion toward its insertion, exposing at the same time the external ramus of the accessory nerve-68:59, and the muscular rami from the third and fourth cervical nerves supplying it.

INFERIOR BELLY OF THE OMOHYOID MUSCLE-24:59

SUPRASCAPULAR NERVE-69:31

TRANSVERSE SCAPULAR ARTERY-48:60

SUPERIOR TRANSVERSE SCAPULAR LIGAMENT-19:43

c. Muscles: second layer

RHOMBOIDEUS MAJOR MUSCLE-23:18

RHOMBOIDEUS MINOR MUSCLE-23:19

LEVATOR SCAPULAE MUSCLE-23:20 Insertion only.

The descending ramus of the transverse cervical artery-48:69 may be observed in the interval between the rhomboideus minor and the levator scapulae muscles.

d. Nerves and vessels

The following nerves and artery may be exposed by detaching the levator scapulae muscle at its insertion and the rhomboid muscles at their origins, and reflecting the latter muscles toward their insertions.

DORSAL SCAPULAR NERVE-69:27

DESCENDING RAMUS OF THE TRANSVERSE CERVICAL ARTERY-48:69

The following structures may be demonstrated by detaching the latissimus dorsi muscle at its origin and reflecting the muscle toward its insertion.

THORACODORSAL NERVE-69:33 Termination only.

THORACODORSAL ARTERY-49:10 Termination only.

II. Anterior Thoracic region and axillary fossa.1. Surface anatomy

Structures which may be identified by inspection and palpation.

CLAVICLE-13:59

STERNAL EXTREMITY-13:60

ACROMIAL EXTREMITY-13:63

STERNUM-7:46

MANUBRIUM-7:47

JUGULAR NOTCH-7:54

BODY OF STERNUM-7:50

ANGLE OF STERNUM-7:48

XIPHOID PROCESS-7:52

RIBS I-XII-7:28

COSTAL CARTILAGES-7:32

CORACOID PROCESS OF THE SCAPULA-13:58

MAMMA-4:50, 80:5

PAPILLA MAMMAE-80:6

CORPUS MAMMAE-80:7

AREOLA MAMMAE-80:14

ACCESSORY MAMMAE-80:18

AXILLA-5:10

ANTERIOR AXILLARY FOLD-5:11

POSTERIOR AXILLARY FOLD-5:12

HUMERUS-13:67

2. Pectoral regions-83:2

ANTERIOR PECTORAL REGION-83:3

STERNAL REGION-83:4

CLAVICULAR REGION-83:5

INFRACLAVICULAR REGION-83:6

DELTOIDEOPECTORAL TRIANGLE-83:7

MAMMARY REGION-83:8

INFRAMAMMARY REGION-83:9

2. STANDARD INDEX
STANDARD INDEX
STANDARD INDEX
STANDARD INDEX

The following names of the standard index are listed in the standard index and the standard index

STANDARD INDEX

The following names of the standard index are listed in the standard index and the standard index

STANDARD INDEX
STANDARD INDEX
STANDARD INDEX

STANDARD INDEX
STANDARD INDEX
STANDARD INDEX

STANDARD INDEX

STANDARD INDEX
STANDARD INDEX
STANDARD INDEX

STANDARD INDEX
STANDARD INDEX
STANDARD INDEX

STANDARD INDEX
STANDARD INDEX
STANDARD INDEX

STANDARD INDEX
STANDARD INDEX
STANDARD INDEX

STANDARD INDEX
STANDARD INDEX
STANDARD INDEX

STANDARD INDEX
STANDARD INDEX
STANDARD INDEX

STANDARD INDEX
STANDARD INDEX
STANDARD INDEX

STANDARD INDEX
STANDARD INDEX
STANDARD INDEX

STANDARD INDEX
STANDARD INDEX
STANDARD INDEX

LATERAL PECTORAL REGION-83:10
AXILLARY REGION-83:12
AXILLARY FOSSA-83:12
LATERAL COSTAL REGION-83:13

3. Anterior thoracic wall: superficial structures

a. Superficial fascia, cutaneous nerves and blood vessels

Skin incisions: a) longitudinally from the xiphoid process transversely around to the back; b) from the jugular notch laterally, along the clavicle, to the tip of the acromion; c) from the xiphoid process obliquely upward and laterally along the anterior axillary fold to the arm, encircling the areola mammae and leaving it in situ.

SUPERFICIAL FASCIA-23:36

PLATYSMA MUSCLE-24:54

SUPRACLAVICULAR NERVES-69:17

ANTERIOR SUPRACLAVICULAR NERVES-69:18

MIDDLE SUPRACLAVICULAR NERVES-69:19

POSTERIOR SUPRACLAVICULAR NERVES-69:20

ANTERIOR CUTANEOUS RAMI OF INTERCOSTAL NERVES-70:8

MEDIAL MAMMARY RAMI-70:9

ANTERIOR RAMI OF LATERAL CUTANEOUS RAMI OF INTERCOSTAL NERVES IV to VI-70:5

POSTERIOR RAMI OF LATERAL CUTANEOUS RAMI OF INTERCOSTAL NERVES IV to VI-70:4

LATERAL MAMMARY RAMI OF LATERAL CUTANEOUS RAMI OF INTERCOSTAL NERVES-70:6

PERFORATING RAMI OF INTERNAL MAMMARY ARTERY-48:40-43

LATERAL CUTANEOUS RAMI OF ANTERIOR RAMI OF INTERCOSTAL ARTERIES IV to VI-49:67

TRIBUTARIES OF INTERNAL MAMMARY VEIN

b. Mamma-80:5-18

4. Anterior thoracic wall: deep fascia and pectoralis major muscles

PECTORAL FASCIA-25:22

(STERNALIS MUSCLE)-24:73

PECTORALIS MAJOR MUSCLE-24:74-77 Not including its insertion.

Exposed by removing the pectoral fascia but leaving intact the axillary fascia.

5. Axillary fossa, and structures subjacent to the pectoralis major muscle

a. Structures in relation to the base of the axillary fossa

AXILLARY FASCIA-26:40

INTERCOSTOBRACHIAL NERVES-70:7

THORACODORSAL NERVE-69:33

THORACODORSAL ARTERY-49:10

LATERAL THORACIC ARTERY-49:7

LONG THORACIC NERVE-69:28

AXILLARY LYMPH GLANDS-56:45

INTERNAL SECURITY - R
ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-01-2001 BY 60322
UCBAW

2. Anterior: Spineless with supercilial setae

1. The first of these is the fact that the
 2.
 3.
 4.
 5.
 6.
 7.
 8.
 9.
 10.
 11.
 12.
 13.
 14.
 15.
 16.
 17.
 18.
 19.
 20.
 21.
 22.
 23.
 24.
 25.
 26.
 27.
 28.
 29.
 30.
 31.
 32.
 33.
 34.
 35.
 36.
 37.
 38.
 39.
 40.
 41.
 42.
 43.
 44.
 45.
 46.
 47.
 48.
 49.
 50.
 51.
 52.
 53.
 54.
 55.
 56.
 57.
 58.
 59.
 60.
 61.
 62.
 63.
 64.
 65.
 66.
 67.
 68.
 69.
 70.
 71.
 72.
 73.
 74.
 75.
 76.
 77.
 78.
 79.
 80.
 81.
 82.
 83.
 84.
 85.
 86.
 87.
 88.
 89.
 90.
 91.
 92.
 93.
 94.
 95.
 96.
 97.
 98.
 99.
 100.
 101.
 102.
 103.
 104.
 105.
 106.
 107.
 108.
 109.
 110.
 111.
 112.
 113.
 114.
 115.
 116.
 117.
 118.
 119.
 120.
 121.
 122.
 123.
 124.
 125.
 126.
 127.
 128.
 129.
 130.
 131.
 132.
 133.
 134.
 135.
 136.
 137.
 138.
 139.
 140.
 141.
 142.
 143.
 144.
 145.
 146.
 147.
 148.
 149.
 150.
 151.
 152.
 153.
 154.
 155.
 156.
 157.
 158.
 159.
 160.
 161.
 162.
 163.
 164.
 165.
 166.
 167.
 168.
 169.
 170.
 171.
 172.
 173.
 174.
 175.
 176.
 177.
 178.
 179.
 180.
 181.
 182.
 183.
 184.
 185.
 186.
 187.
 188.
 189.
 190.
 191.
 192.
 193.
 194.
 195.
 196.
 197.
 198.
 199.
 200.
 201.
 202.
 203.
 204.
 205.
 206.
 207.
 208.
 209.
 210.
 211.
 212.
 213.
 214.
 215.
 216.
 217.
 218.
 219.
 220.
 221.
 222.
 223.
 224.
 225.
 226.
 227.
 228.
 229.
 230.
 231.
 232.
 233.
 234.
 235.
 236.
 237.
 238.
 239.
 240.
 241.
 242.
 243.
 244.
 245.
 246.
 247.
 248.
 249.
 250.
 251.
 252.
 253.
 254.
 255.
 256.
 257.
 258.
 259.
 260.
 261.
 262.
 263.
 264.
 265.
 266.
 267.
 268.
 269.
 270.
 271.
 272.
 273.
 274.
 275.
 276.
 277.
 278.
 279.
 280.
 281.
 282.
 283.
 284.
 285.
 286.
 287.
 288.
 289.
 290.
 291.
 292.
 293.
 294.
 295.
 296.
 297.
 298.
 299.
 300.
 301.
 302.
 303.
 304.
 305.
 306.
 307.
 308.
 309.
 310.
 311.
 312.
 313.
 314.
 315.
 316.
 317.
 318.
 319.
 320.
 321.
 322.
 323.
 324.
 325.
 326.
 327.
 328.
 329.
 330.
 331.
 332.
 333.
 334.
 335.
 336.
 337.
 338.
 339.
 340.
 341.
 342.
 343.
 344.
 345.
 346.
 347.
 348.
 349.
 350.
 351.
 352.
 353.
 354.
 355.
 356.
 357.
 358.
 359.
 360.
 361.
 362.
 363.
 364.
 365.
 366.
 367.
 368.
 369.
 370.
 371.
 372.
 373.
 374.
 375.
 376.
 377.
 378.
 379.
 380.
 381.
 382.
 383.
 384.
 385.
 386.
 387.
 388.
 389.
 390.
 391.
 392.
 393.
 394.
 395.
 396.
 397.
 398.
 399.
 400.
 401.
 402.
 403.
 404.
 405.
 406.
 407.
 408.
 409.
 410.
 411.
 412.
 413.
 414.
 415.
 416.
 417.
 418.
 419.
 420.
 421.
 422.
 423.
 424.
 425.
 426.
 427.
 428.
 429.
 430.
 431.
 432.
 433.
 434.
 435.
 436.
 437.
 438.
 439.
 440.
 441.
 442.
 443.
 444.
 445.
 446.
 447.
 448.
 449.
 450.
 451.
 452.
 453.
 454.
 455.
 456.
 457.
 458.
 459.
 460.
 461.
 462.
 463.
 464.
 465.
 466.
 467.
 468.
 469.
 470.
 471.
 472.
 473.
 474.
 475.
 476.
 477.
 478.
 479.
 480.
 481.
 482.
 483.
 484.
 485.
 486.
 487.
 488.
 489.
 490.
 491.
 492.
 493.
 494.
 495.
 496.
 497.
 498.
 499.
 500.
 501.
 502.
 503.
 504.
 505.
 506.
 507.
 508.
 509.
 510.
 511.
 512.
 513.
 514.
 515.
 516.
 517.
 518.
 519.
 520.
 521.
 522.
 523.
 524.
 525.
 526.
 527.
 528.
 529.
 530.
 531.
 532.
 533.
 534.
 535.
 536.
 537.
 538.
 539.
 540.
 541.
 542.
 543.
 544.
 545.
 546.
 547.
 548.
 549.
 550.
 551.
 552.
 553.
 554.
 555.
 556.
 557.
 558.
 559.
 560.
 561.
 562.
 563.
 564.
 565.
 566.
 567.
 568.
 569.
 570.
 571.
 572.
 573.
 574.
 575.
 576.
 577.
 578.
 579.
 580.
 581.
 582.
 583.
 584.
 585.
 586.
 587.
 588.
 589.
 590.
 591.
 592.
 593.
 594.
 595.
 596.
 597.
 598.
 599.

CC-000007

[illegible]

1960-1961

BRITISH NATIONAL ARCHIVES

U.S. DEPARTMENT OF AGRICULTURE

POSTERIOR SUBCAPSULAR LENTICULAR OPACITIES

10-10-1964

0:09-10:00

IN ORDER TO OBTAIN THE BEST RESULTS, IT IS RECOMMENDED THAT THE PHOTOGRAPH BE TAKEN IN THE MORNING OR EVENING.

2:07:24.04

COPIES OF THIS REPORT TO THE NATIONAL BUREAU OF INVESTIGATION

... ..

1992-1993 TO THE NATIONAL ARCHIVES TO THE NATIONAL ARCHIVES

2-17-2007

... ..

RECEIVED AT THE OFFICE OF THE ATTORNEY GENERAL, WASHINGTON, D. C., MAY 10, 1961.

1944-1945

THIRTY SEVEN HUNDRED

... ..

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

2011-12-15 14:00:00

1944-1945

1. The first part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them. The list includes names such as "Mr. J. H. Smith", "Mr. W. H. Jones", and "Mr. R. H. Brown".

garnish and bread. 1950-51. 1951-52. 1952-53. 1953-54. 1954-55. 1955-56. 1956-57. 1957-58. 1958-59. 1959-60. 1960-61. 1961-62. 1962-63. 1963-64. 1964-65. 1965-66. 1966-67. 1967-68. 1968-69. 1969-70. 1970-71. 1971-72. 1972-73. 1973-74. 1974-75. 1975-76. 1976-77. 1977-78. 1978-79. 1979-80. 1980-81. 1981-82. 1982-83. 1983-84. 1984-85. 1985-86. 1986-87. 1987-88. 1988-89. 1989-90. 1990-91. 1991-92. 1992-93. 1993-94. 1994-95. 1995-96. 1996-97. 1997-98. 1998-99. 1999-00. 2000-01. 2001-02. 2002-03. 2003-04. 2004-05. 2005-06. 2006-07. 2007-08. 2008-09. 2009-10. 2010-11. 2011-12. 2012-13. 2013-14. 2014-15. 2015-16. 2016-17. 2017-18. 2018-19. 2019-20. 2020-21. 2021-22. 2022-23. 2023-24. 2024-25. 2025-26. 2026-27. 2027-28. 2028-29. 2029-30. 2030-31. 2031-32. 2032-33. 2033-34. 2034-35. 2035-36. 2036-37. 2037-38. 2038-39. 2039-40. 2040-41. 2041-42. 2042-43. 2043-44. 2044-45. 2045-46. 2046-47. 2047-48. 2048-49. 2049-50. 2050-51. 2051-52. 2052-53. 2053-54. 2054-55. 2055-56. 2056-57. 2057-58. 2058-59. 2059-60. 2060-61. 2061-62. 2062-63. 2063-64. 2064-65. 2065-66. 2066-67. 2067-68. 2068-69. 2069-70. 2070-71. 2071-72. 2072-73. 2073-74. 2074-75. 2075-76. 2076-77. 2077-78. 2078-79. 2079-80. 2080-81. 2081-82. 2082-83. 2083-84. 2084-85. 2085-86. 2086-87. 2087-88. 2088-89. 2089-90. 2090-91. 2091-92. 2092-93. 2093-94. 2094-95. 2095-96. 2096-97. 2097-98. 2098-99. 2099-00. 2100-01. 2101-02. 2102-03. 2103-04. 2104-05. 2105-06. 2106-07. 2107-08. 2108-09. 2109-10. 2110-11. 2111-12. 2112-13. 2113-14. 2114-15. 2115-16. 2116-17. 2117-18. 2118-19. 2119-20. 2120-21. 2121-22. 2122-23. 2123-24. 2124-25. 2125-26. 2126-27. 2127-28. 2128-29. 2129-30. 2130-31. 2131-32. 2132-33. 2133-34. 2134-35. 2135-36. 2136-37. 2137-38. 2138-39. 2139-40. 2140-41. 2141-42. 2142-43. 2143-44. 2144-45. 2145-46. 2146-47. 2147-48. 2148-49. 2149-50. 2150-51. 2151-52. 2152-53. 2153-54. 2154-55. 2155-56. 2156-57. 2157-58. 2158-59. 2159-60. 2160-61. 2161-62. 2162-63. 2163-64. 2164-65. 2165-66. 2166-67. 2167-68. 2168-69. 2169-70. 2170-71. 2171-72. 2172-73. 2173-74. 2174-75. 2175-76. 2176-77. 2177-78. 2178-79. 2179-80. 2180-81. 2181-82. 2182-83. 2183-84. 2184-85. 2185-86. 2186-87. 2187-88. 2188-89. 2189-90. 2190-91. 2191-92. 2192-93. 2193-94. 2194-95. 2195-96. 2196-97. 2197-98. 2198-99. 2199-00. 2200-01. 2201-02. 2202-03. 2203-04. 2204-05. 2205-06. 2206-07. 2207-08. 2208-09. 2209-10. 2210-11. 2211-12. 2212-13. 2213-14. 2214-15. 2215-16. 2216-17. 2217-18. 2218-19. 2219-20. 2220-21. 2221-22. 2222-23. 2223-24. 2224-25. 2225-26. 2226-27. 2227-28. 2228-29. 2229-30. 2230-31. 2231-32. 2232-33. 2233-34. 2234-35. 2235-36. 2236-37. 2237-38. 2238-39. 2239-40. 2240-41. 2241-42. 2242-43. 2243-44. 2244-45. 2245-46. 2246-47. 2247-48. 2248-49. 2249-50. 2250-51. 2251-52. 2252-53. 2253-54. 2254-55. 2255-56. 2256-57. 2257-58. 2258-59. 2259-60. 2260-61. 2261-62. 2262-63. 2263-64. 2264-65. 2265-66. 2266-67. 2267-68. 2268-69. 2269-70. 2270-71. 2271-72. 2272-73. 2273-74. 2274-75. 2275-76. 2276-77. 2277-78. 2278-79. 2279-80. 2280-81. 2281-82. 2282-83. 2283-84. 2284-85. 2285-86. 2286-87. 2287-88. 2288-89. 2289-90. 2290-91. 2291-92. 2292-93. 2293-94. 2294-95. 2295-96. 2296-97. 2297-98. 2298-99. 2299-00. 2300-01. 2301-02. 2302-03. 2303-04. 2304-05. 2305-06. 2306-07. 2307-08. 2308-09. 2309-10. 2310-11. 2311-12. 2312-13. 2313-14. 2314-15. 2315-16. 2316-17. 2317-18. 2318-19. 2319-20. 2320-21. 2321-22. 2322-23. 2323-24. 2324-25. 2325-26. 2326-27. 2327-28. 2328-29. 2329-30. 2330-31. 2331-32. 2332-33. 2333-34. 2334-35. 2335-36. 2336-37. 2337-38. 2338-39. 2339-40. 2340-41. 2341-42. 2342-43. 2343-44. 2344-45. 2345-46. 2346-47. 2347-48. 2348-49. 2349-50. 2350-51. 2351-52. 2352-53. 2353-54. 2354-55. 2355-56. 2356-57. 2357-58. 2358-59. 2359-60. 2360-61. 2361-62. 2362-63. 2363-64. 2364-65. 2365-66. 2366-67. 2367-68. 2368-69. 2369-70. 2370-71. 2371-72. 2372-73. 2373-74. 2374-75. 2375-76. 2376-77. 2377-78. 2378-79. 2379-80. 2380-81. 2381-82. 2382-83. 2383-84. 2384-85. 2385-86. 2386-87. 2387-88. 2388-89. 2389-90. 2390-91. 2391-92. 2392-93. 2393-94. 2394-95. 2395-96. 2396-97. 2397-98. 2398-99. 2399-00. 2400-01. 2401-02. 2402-03. 2403-04. 2

.. 1702-1703 ..

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

100

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

[Faint, illegible handwritten notes]

1978-1979

... ..

3102

... ..

b. Structures exposed by the reflection of the clavicular part of the pectoralis major muscle

Demonstrated by detaching the clavicular part of the pectoralis major muscle at its origin and reflecting it toward its insertion.

CORACOCALVICULAR FASCIA-25:23

THORACOCALVICULAR ARTERY-49:2

ACROMIAL RAMUS-49:3

ACROMIAL NETWORK-49:4

DELTOID RAMUS-49:5

PECTORAL RAMI-49:6

THORACOCALVICULAR VEIN-54:27

CEPHALIC VEIN-54:37

ANTERIOR THORACIC NERVES-69:29

c. Structures exposed by the reflection of the sternocostal part of the pectoralis major muscle

Demonstrated by dividing the sternocostal part of the pectoralis major muscle midway between its origin and insertion and reflecting the two parts medially and laterally respectively.

CORACOCALVICULAR FASCIA-25:23

PECTORALIS MINOR MUSCLE-24:78

d. Contents of the superior part of the axillary fossa

Exposed by removing the portion of the coracoclavicular fascia extending between the clavicle and the superior margin of the pectoralis minor muscle.

AXILLARY ARTERY-48:70 Its first part.

AXILLARY VEINS-54:29

BRACHIAL PLEXUS-69:24

MEDIAL CORD-69:39

LATERAL CORD-69:38

POSTERIOR CORD-69:40

LYMPH GLANDS

e. Contents of the inferior part of the axillary fossa

Exposed by removing the fascia and fat inferior to the pectoralis minor muscle.

AXILLARY ARTERY-48:70 Its third part.

MEDIAN NERVE-69:48

MUSCULOCUTANEOUS NERVE-69:41

MEDIAL ANTERIOR BRACHIAL CUTANEOUS NERVE-69:45

AXILLARY VEIN-54:29

MEDIAL BRACHIAL CUTANEOUS NERVE-69:44

ULNAR NERVE-69:55

f. Structures in relation to the medial wall of the axillary fossa

INTERCOSTOBRACHIAL NERVES-70:7

LONG THORACIC NERVE-69:28

LATERAL THORACIC ARTERY-49:7

PECTORAL LYMPH GLANDS-56:47

g. Structures in relation to the posterior wall of the axillary fossa

THORACODORSAL NERVE-69:33

SUBSCAPULAR ARTERY-49:9

THORACODORSAL ARTERY-49:10

CIRCUMFLEX SCAPULAR ARTERY-49:11 Origin only.

10. State of California is subject to suit in Supreme Court of the United States.

the following table:

...for the purpose of the investigation...

31:22-23:10

5-2-1953. 10:00 AM.

1910

[Faint, illegible text]

1:24-3142 012120

RECEIVED

THE JACOBSONS

CEPHALIC VITELLUS

any interpretation of the reflection of the

1950-1951

1. General

THE UNIVERSITY OF CHICAGO

00-68-10017-1ADIVISION

1. Contents of the subject part of the exhibit form

Exposure by leaving the bottom of the container open.

... ..

05:34-78, 14, 114, 115

93-27-9157 TAMMICA

45:50-51X35 141122

EC:EO-1650 11/10/11

22:66-0600 JATSA

FOIA(b)(7) - (D)

2014-15

... ..

1949-1950-1951-1952-1953-1954-1955-1956-1957-1958-1959-1960-1961-1962-1963-1964-1965-1966-1967-1968-1969-1970-1971-1972-1973-1974-1975-1976-1977-1978-1979-1980-1981-1982-1983-1984-1985-1986-1987-1988-1989-1990-1991-1992-1993-1994-1995-1996-1997-1998-1999-2000-2001-2002-2003-2004-2005-2006-2007-2008-2009-2010-2011-2012-2013-2014-2015-2016-2017-2018-2019-2020-2021-2022-2023-2024-2025-2026-2027-2028-2029-2030-2031-2032-2033-2034-2035-2036-2037-2038-2039-2040-2041-2042-2043-2044-2045-2046-2047-2048-2049-2050-2051-2052-2053-2054-2055-2056-2057-2058-2059-2060-2061-2062-2063-2064-2065-2066-2067-2068-2069-2070-2071-2072-2073-2074-2075-2076-2077-2078-2079-2080-2081-2082-2083-2084-2085-2086-2087-2088-2089-2090-2091-2092-2093-2094-2095-2096-2097-2098-2099-2100-2101-2102-2103-2104-2105-2106-2107-2108-2109-2110-2111-2112-2113-2114-2115-2116-2117-2118-2119-2120-2121-2122-2123-2124-2125-2126-2127-2128-2129-2130-2131-2132-2133-2134-2135-2136-2137-2138-2139-2140-2141-2142-2143-2144-2145-2146-2147-2148-2149-2150-2151-2152-2153-2154-2155-2156-2157-2158-2159-2160-2161-2162-2163-2164-2165-2166-2167-2168-2169-2170-2171-2172-2173-2174-2175-2176-2177-2178-2179-2180-2181-2182-2183-2184-2185-2186-2187-2188-2189-2190-2191-2192-2193-2194-2195-2196-2197-2198-2199-2200-2201-2202-2203-2204-2205-2206-2207-2208-2209-2210-2211-2212-2213-2214-2215-2216-2217-2218-2219-2220-2221-2222-2223-2224-2225-2226-2227-2228-2229-2230-2231-2232-2233-2234-2235-2236-2237-2238-2239-2240-2241-2242-2243-2244-2245-2246-2247-2248-2249-2250-2251-2252-2253-2254-2255-2256-2257-2258-2259-2260-2261-2262-2263-2264-2265-2266-2267-2268-2269-2270-2271-2272-2273-2274-2275-2276-2277-2278-2279-2280-2281-2282-2283-2284-2285-2286-2287-2288-2289-2290-2291-2292-2293-2294-2295-2296-2297-2298-2299-2300-2301-2302-2303-2304-2305-2306-2307-2308-2309-2310-2311-2312-2313-2314-2315-2316-2317-2318-2319-2320-2321-2322-2323-2324-2325-2326-2327-2328-2329-2330-2331-2332-2333-2334-2335-2336-2337-2338-2339-2340-2341-2342-2343-2344-2345-2346-2347-2348-2349-2350-2351-2352-2353-2354-2355-2356-2357-2358-2359-2360-2361-2362-2363-2364-2365-2366-2367-2368-2369-2370-2371-2372-2373-2374-2375-2376-2377-2378-2379-2380-2381-2382-2383-2384-2385-2386-2387-2388-2389-2390-2391-2392-2393-2394-2395-2396-2397-2398-2399-2400-2401-2402-2403-2404-2405-2406-2407-2408-2409-2410-2411-2412-2413-2414-2415-2416-2417-2418-2419-2420-2421-2422-2423-2424-2425-2426-2427-2428-2429-2430-2431-2432-2433-2434-2435-2436-2437-2438-2439-2440-2441-2442-2443-2444-2445-2446-2447-2448-2449-2450-2451-2452-2453-2454-2455-2456-2457-2458-2459-2460-2461-2462-2463-2464-2465-2466-2467-2468-2469-2470-2471-2472-2473-2474-2475-2476-2477-2478-2479-2480-2481-2482-2483-2484-2485-2486-2487-2488-2489-2490-2491-2492-2493-2494-2495-2496-2497-2498-2499-2500-2501-2502-2503-2504-2505-2506-2507-2508-2509-2510-2511-2512-2513-2514-2515-2516-2517-2518-2519-2520-2521-2522-2523-2524-2525-2526-2527-2528-2529-2530-2531-2532-2533-2534-2535-2536-2537-2538-2539-2540-2541-2542-2543-2544-2545-2546-2547-2548-2549-2550-2551-2552-2553-2554-2555-2556-2557-2558-2559-2560-2561-2562-2563-2564-2565-2566-2567-2568-2569-2570-2571-2572-2573-2574-2575-2576-2577-2578-2579-2580-2581-2582-2583-2584-2585-2586-2587-2588-2589-2590-2591-2592-2593-2594-2595-2596-2597-2598-2599-2600-2601-2602-2603-2604-2605-2606-2607-2608-2609-2610-2611-2612-2613-2614-2615-2616-2617-2618-2619-2620-2621-2622-2623-2624-2625-2626-2627-2628-2629-2630-2631-2632-2633-2634-2635-2636-2637-2638-2639-2640-2641-2642-2643-2644-2645-2646-2647-2648-2649-2650-2651-2652-2653-2654-2655-2656-2657-2658-2659-2660-2661-2662-2663-2664-2665-2666-2667-2668-2669-2670-2671-2672-2673-2674-2675-2676-2677-2678-2679-2680-2681-2682-2683-2684-2685-2686-2687-2688-2689-2690-2691-2692-2693-2694-2695-2696-2697-2698-2699-2700-2701-2702-2703-2704-2705-2706-2707-2708-2709-2710-2711-2712-2713-2714-2715-2716-2717-2718-2719-2720-2721-2722-2723-2724-2725-2726-2727-2728-2729-2730-2731-2732-2733-2734-2735-2736-2737-2738-2739-2740-2741-2742-2743-2744-2745-2746-2747-2748-2749-2750-2751-2752-2753-2754-2755-2756-2757-2758-2759-2760-2761-2762-2763-2764-2765-2766-2767

THE UNIVERSITY OF CHICAGO

22-00-77251 NACB

31 AUG 1950-1951

RECEIVED JANUARY 17, 1902.

0011-1150

100-112081-10703

22:20-22:22

1942-1943 and 1944-1945 and 1946-1947 and 1948-1949 and 1950-1951 and 1952-1953 and 1954-1955 and 1956-1957 and 1958-1959 and 1960-1961 and 1962-1963 and 1964-1965 and 1966-1967 and 1968-1969 and 1970-1971 and 1972-1973 and 1974-1975 and 1976-1977 and 1978-1979 and 1980-1981 and 1982-1983 and 1984-1985 and 1986-1987 and 1988-1989 and 1990-1991 and 1992-1993 and 1994-1995 and 1996-1997 and 1998-1999 and 2000-2001 and 2002-2003 and 2004-2005 and 2006-2007 and 2008-2009 and 2010-2011 and 2012-2013 and 2014-2015 and 2016-2017 and 2018-2019 and 2020-2021 and 2022-2023 and 2024-2025 and 2026-2027 and 2028-2029 and 2030-2031 and 2032-2033 and 2034-2035 and 2036-2037 and 2038-2039 and 2040-2041 and 2042-2043 and 2044-2045 and 2046-2047 and 2048-2049 and 2050-2051 and 2052-2053 and 2054-2055 and 2056-2057 and 2058-2059 and 2060-2061 and 2062-2063 and 2064-2065 and 2066-2067 and 2068-2069 and 2070-2071 and 2072-2073 and 2074-2075 and 2076-2077 and 2078-2079 and 2080-2081 and 2082-2083 and 2084-2085 and 2086-2087 and 2088-2089 and 2090-2091 and 2092-2093 and 2094-2095 and 2096-2097 and 2098-2099 and 2100-2101 and 2102-2103 and 2104-2105 and 2106-2107 and 2108-2109 and 2110-2111 and 2112-2113 and 2114-2115 and 2116-2117 and 2118-2119 and 2120-2121 and 2122-2123 and 2124-2125 and 2126-2127 and 2128-2129 and 2130-2131 and 2132-2133 and 2134-2135 and 2136-2137 and 2138-2139 and 2140-2141 and 2142-2143 and 2144-2145 and 2146-2147 and 2148-2149 and 2150-2151 and 2152-2153 and 2154-2155 and 2156-2157 and 2158-2159 and 2160-2161 and 2162-2163 and 2164-2165 and 2166-2167 and 2168-2169 and 2170-2171 and 2172-2173 and 2174-2175 and 2176-2177 and 2178-2179 and 2180-2181 and 2182-2183 and 2184-2185 and 2186-2187 and 2188-2189 and 2190-2191 and 2192-2193 and 2194-2195 and 2196-2197 and 2198-2199 and 2200-2201 and 2202-2203 and 2204-2205 and 2206-2207 and 2208-2209 and 2210-2211 and 2212-2213 and 2214-2215 and 2216-2217 and 2218-2219 and 2220-2221 and 2222-2223 and 2224-2225 and 2226-2227 and 2228-2229 and 2230-2231 and 2232-2233 and 2234-2235 and 2236-2237 and 2238-2239 and 2240-2241 and 2242-2243 and 2244-2245 and 2246-2247 and 2248-2249 and 2250-2251 and 2252-2253 and 2254-2255 and 2256-2257 and 2258-2259 and 2260-2261 and 2262-2263 and 2264-2265 and 2266-2267 and 2268-2269 and 2270-2271 and 2272-2273 and 2274-2275 and 2276-2277 and 2278-2279 and 2280-2281 and 2282-2283 and 2284-2285 and 2286-2287 and 2288-2289 and 2290-2291 and 2292-2293 and 2294-2295 and 2296-2297 and 2298-2299 and 2300-2301 and 2302-2303 and 2304-2305 and 2306-2307 and 2308-2309 and 2310-2311 and 2312-2313 and 2314-2315 and 2316-2317 and 2318-2319 and 2320-2321 and 2322-2323 and 2324-2325 and 2326-2327 and 2328-2329 and 2330-2331 and 2332-2333 and 2334-2335 and 2336-2337 and 2338-2339 and 2340-2341 and 2342-2343 and 2344-2345 and 2346-2347 and 2348-2349 and 2350-2351 and 2352-2353 and 2354-2355 and 2356-2357 and 2358-2359 and 2360-2361 and 2362-2363 and 2364-2365 and 2366-2367 and 2368-2369 and 2370-2371 and 2372-2373 and 2374-2375 and 2376-2377 and 2378-2379 and 2380-2381 and 2382-2383 and 2384-2385 and 2386-2387 and 2388-2389 and 2390-2391 and 2392-2393 and 2394-2395 and 2396-2397 and 2398-2399 and 2400-2401 and 2402-2403 and 2404-2405 and 2406-2407 and 2408-2409 and 2410-2411 and 2412-2413 and 2414-2415 and 2416-2417 and 2418-2419 and 2420-2421 and 2422-2423 and 2424-2425 and 2426-2427 and 2428-2429 and 2430-2431 and 2432-2433 and 2434-2435 and 2436-2437 and 2438-2439 and 2440-2441 and 2442-2443 and 2444-2445 and 2446-2447 and 2448-2449 and 2450-2451 and 2452-2453 and 2454-2455 and 2456-2457 and 2458-2459 and 2460-2461 and 2462-2463 and 2464-2465 and 2466-2467 and 2468-2469 and 2470-2471 and 2472-2473 and 2474-2475 and 2476-2477 and 2478-2479 and 2480-2481 and 2482-2483 and 2484-2485 and 2486-2487 and 2488-2489 and 2490-2491 and 2492-2493 and 2494-2495 and 2496-2497 and 2498-2499 and 2500-2501 and 2502-2503 and 2504-2505 and 2506-2507 and 2508-2509 and 2510-2511 and 2512-2513 and 2514-2515 and 2516-2517 and 2518-2519 and 2520-2521 and 2522-2523 and 2524-2525 and 2526-2527 and 2528-2529 and 2530-2531 and 2532-2533 and 2534-2535 and 2536-2537 and 2538-2539 and 2540-2541 and 2542-2543 and 2544-2545 and 2546-2547 and 2548-2549 and 2550-2551 and 2552-2553 and 2554-2555 and 2556-2557 and 2558-2559 and 2560-2561 and 2562-2563 and 2564-2565 and 2566-2567 and 2568-2569 and 2570-2571 and 2572-2573 and 2574-2575 and 2576-2577 and 2578-2579 and 2580-2581 and 2582-2583 and 2584-2585 and 2586-2587 and 2588-2589 and 2590-2591 and 2592-2593 and 2594-2595 and 2596-2597 and 2598-2599 and 2600-2601 and 2602-2603 and 2604-2605 and 2606-2607 and 2608-2609 and 2610-2611 and 2612-2613 and 2614-2615 and 2616-2617 and 2618-2619 and 2620-2621 and 2622-2623 and 2624-2625 and 2626-2627 and 2628-2629 and 2630-2631 and 2632-2633 and 2634-2635 and 2636-2637 and 2638-2639 and 2640-2641 and 2642-2643 and 2644-2645 and 2646-2647 and 2648-2649 and 2650-2651 and 2652-2653 and 2654-2655 and 2656-2657 and 2658-2659 and 2660-2661 and 2662-2663 and 2664-2665 and 2666-2667 and 2668-2669 and 2670-2671 and 2672-2673 and 2674-2675 and 2676-2677 and 2678-2679 and 2680-2681 and 2682-2683 and 2684-2685 and 26

1900

68:64-69:11. COLUMBIAN DISC.

T-9A-1077-11-1-1

11-05-2010 HSM: JACOB

...the ...

[Faint handwritten notes at the bottom of the page]

6:04-7:00 PM. 11/17/2005

CLASSIFICATION DOCUMENT

1992-1993

SUBSCAPULAR NERVES-69:32

SUBSCAPULAR LYMPH GLANDS-56:46

h. Axillary vessels

The exposure of the entire extent of these vessels may be completed by the reflection of the pectoralis minor muscle.

AXILLARY ARTERY-48:70

HIGHEST THORACIC ARTERY-49:1

THORACOACROMIAL ARTERY-49:2

LATERAL THORACIC ARTERY-49:7

EXTERNAL MAMMARY RAMI-49:8

SUBSCAPULAR ARTERY-49:9

THORACODORSAL ARTERY-49:10

CIRCUMFLEX SCAPULAR ARTERY-49:11

ANTERIOR CIRCUMFLEX HUMERAL ARTERY-49:12

POSTERIOR CIRCUMFLEX HUMERAL ARTERY-49:13

AXILLARY VEIN-54:29

LATERAL THORACIC VEIN-54:30

THORACOEPIGASTRIC VEINS-54:32

COSTOAXILLARY VEINS-54:31

CEPHALIC VEIN-54:37

i. Subclavius muscle-24:79j. Brachial plexus

Its exposure may be completed - i.e. so far as it is related to the axillary fossa - by detaching the subclavius muscle at its insertion, removing the middle third of the clavicle, and dividing the axillary artery and vein at the level of the clavicle and reflecting them distally.

LATERAL CORD-69:38

ANTERIOR THORACIC NERVE-69:29

MUSCULOCUTANEOUS NERVE-69:41

MEDIAN NERVE-69:48 Lateral head.

MEDIAL CORD-69:39

ANTERIOR THORACIC NERVE-69:29

MEDIAN NERVE-69:48 Medial head.

ULNAR NERVE-69:55

MEDIAL ANTIBRACHIAL CUTANEOUS NERVE-69:45

MEDIAL BRACHIAL CUTANEOUS NERVE-69:44

POSTERIOR CORD-69:40

SUBSCAPULAR NERVES-69:32

THORACODORSAL NERVE-69:33

AXILLARY NERVE-69:34

RADIAL NERVE-69:65

SUBCLAVIAN NERVE-69:30

LONG THORACIC NERVE-69:28

k. Serratus anterior muscle-25:1

EXPERIMENTAL

SUBCUTANEOUS NERVE-40:12
SUBCUTANEOUS NERVE-40:12

h. Axillary vessels
The exposure of the entire extent of these vessels may be completed by the reflection of the pectoralis minor muscle.

AXILLARY ARTERY-40:10
HIGHEST THORACIC ARTERY-40:12
THORACIC ARTERY-40:12
LATERAL THORACIC ARTERY-40:12
INTERNAL BRACHIAL ARTERY-40:12
SUBCUTANEOUS ARTERY-40:12
THORACIC ARTERY-40:12
CIRCUMFLEX SCAPULAR ARTERY-40:12
ANTERIOR CIRCUMFLEX ARTERY-40:12
POSTERIOR CIRCUMFLEX ARTERY-40:12
AXILLARY VEIN-40:12
LATERAL THORACIC VEIN-40:12
THORACIC VEIN-40:12
CIRCUMFLEX VEIN-40:12
CEPHALIC VEIN-40:12

1. Subclavian vessels-40:12

1. Thoracic vessels

The exposure may be completed - i.e. as far as it is related to the axillary vessels - by detaching the subclavian vessels at the insertion, removing the right third of the clavicle, and dividing the axillary artery and vein at the level of the clavicle and reflecting them distally.

LATERAL CERVICAL-40:12
ANTERIOR THORACIC NERVE-40:12
SUBCUTANEOUS NERVE-40:12
MEDIAN NERVE-40:12
MEDIAL CERVICAL-40:12
ANTERIOR THORACIC NERVE-40:12
MEDIAN NERVE-40:12
MEDIAL CERVICAL-40:12
MEDIAN NERVE-40:12
MEDIAL BRACHIAL CERVICAL NERVE-40:12
POSTERIOR CERVICAL-40:12
SUBCUTANEOUS NERVE-40:12
THORACIC NERVE-40:12
AXILLARY NERVE-40:12
MEDIAL NERVE-40:12
SUBCUTANEOUS NERVE-40:12
LATERAL CERVICAL NERVE-40:12

2. Subclavian vessels-40:12

III. Superior Extremity: general characteristics.1. Subdivisions

- AXILLA-5:10 Cf. Superior Extremity, II:1.
- ANTERIOR AND POSTERIOR AXILLARY FOLDS-5:11, 12
- ACROMION-5:13
- ARM-5:14
 - ANTERIOR AND POSTERIOR SURFACES-5:15, 16
 - LATERAL AND MEDIAL SURFACES-5:17, 18
 - LATERAL AND MEDIAL BICIPITAL SULCI-5:19, 20
- ELBOW-5:21
- FOREARM-5:22
 - DORSAL AND VOLAR SURFACES-5:23, 24
 - RADIAL AND ULNAR MARGINS-5:25, 26
- HAND-5:27
 - CARPUS OR WRIST-5:28
 - METACARPUS-5:29
 - DORSUM OF HAND-5:30
 - PALM OR VOLAR ASPECT OF HAND-5:31
 - THENAR-5:32
 - HYPOTHENAR-5:33
 - DIGITS OF HAND-5:34
 - THUMB OR POLLEX-5:35
 - INDEX-5:36
 - MIDDLE DIGIT-5:37
 - RING DIGIT-5:38
 - SMALLEST DIGIT-5:39
 - DORSAL AND VOLAR SURFACES-5:40, 41
 - RADIAL AND ULNAR MARGINS-5:42, 43

2. Regions of the superior extremity-83:37

- ACROMIAL REGION-83:38
- DELTOID REGION-83:39
- LATERAL AND MEDIAL REGIONS OF ARM-83:40, 41
- ANTERIOR AND POSTERIOR REGIONS OF ARM-83:42, 43
- ANTERIOR REGION OF ELBOW-83:44
- CUBITAL FOSSA-83:45
- POSTERIOR REGION OF ELBOW-84:1
- OLECRANON REGION-84:2
- LATERAL AND MEDIAL REGIONS OF ELBOW-84:3, 4
- VOLAR AND DORSAL REGIONS OF FOREARM-84:5, 6
- RADIAL AND ULNAR MARGINS OF FOREARM-84:7, 8
- DORSAL AND VOLAR REGIONS OF HAND-84:9, 10
- DIGITAL REGIONS OF HAND-84:11
- DORSAL, UNGUICULAR AND VOLAR REGIONS OF DIGITS-84:12-14

IV. Region of the Shoulder.1. Fascia, cutaneous nerves and cephalic vein.

SUPERFICIAL FASCIA-23:36

Exposed by reflecting the skin of the shoulder distally
as far as the insertion of the deltoid muscle.

POSTERIOR SUPRACLAVICULAR NERVES-69:20

LATERAL BRACHIAL CUTANEOUS NERVE-69:36

CEPHALIC VEIN-54:37

DEEP FASCIA

III. Superior Extremity: General Regions

1. Regions

- AXILLA-2:10
- ANTERIOR AND POSTERIOR AXILLARY FOLD-2:11, 12
- ACROMION-2:13
- ARM-2:14
- ANTERIOR AND POSTERIOR SURFACES-2:15, 16
- LATERAL AND MEDIAL SURFACES-2:17, 18
- LATERAL AND MEDIAL EPICONTAL SURFACES-2:19
- ELBOW-2:21
- FOREARM-2:22
- DORSAL AND VOLAR SURFACES-2:23, 24
- RADIAL AND ULNAR MARGINS-2:25, 26
- Wrist-2:27
- WRIST OR WRIST-2:28
- RETACAPIT-2:29
- DORSUM OF HAND-2:30
- PAIN OF Volar Aspect OF HAND-2:31
- THUMB-2:32
- HYPOTHENAR-2:33
- DIGITS OF HAND-2:34
- THUMB OR POLLEX-2:35
- INDEX-2:36
- MIDDLE DIGIT-2:37
- RING DIGIT-2:38
- SMALLEST DIGIT-2:39
- DORSAL AND Volar SURFACES-2:40, 41
- RADIAL AND ULNAR MARGINS-2:42, 43

2. Regions of the superior extremity-2:44

- AXILLARY REGION-2:45
- ELBOW REGION-2:46
- LATERAL AND MEDIAL REGIONS OF ARM-2:47, 48
- ANTERIOR AND POSTERIOR REGIONS OF ARM-2:49, 50
- ANTERIOR REGION OF ELBOW-2:51
- QUARTAL FOREARM-2:52
- POSTERIOR REGION OF ELBOW-2:53
- ELBOW REGION-2:54
- LATERAL AND MEDIAL REGIONS OF FOREARM-2:55, 56
- VOLAR AND DORSAL REGIONS OF FOREARM-2:57, 58
- RADIAL AND ULNAR REGIONS OF HAND-2:59, 60
- DORSAL AND Volar REGIONS OF HAND-2:61
- DIGITAL REGIONS OF HAND-2:62
- DORSAL, ULNAR AND Volar REGIONS OF DIGITS-2:63, 64

IV. Region of the Shoulder

1. Regions, muscles and vessels

- Shoulder-2:65
- Shoulder-2:66
- Shoulder-2:67
- Shoulder-2:68
- Shoulder-2:69
- Shoulder-2:70
- Shoulder-2:71
- Shoulder-2:72
- Shoulder-2:73
- Shoulder-2:74
- Shoulder-2:75
- Shoulder-2:76
- Shoulder-2:77
- Shoulder-2:78
- Shoulder-2:79
- Shoulder-2:80
- Shoulder-2:81
- Shoulder-2:82
- Shoulder-2:83
- Shoulder-2:84
- Shoulder-2:85
- Shoulder-2:86
- Shoulder-2:87
- Shoulder-2:88
- Shoulder-2:89
- Shoulder-2:90
- Shoulder-2:91
- Shoulder-2:92
- Shoulder-2:93
- Shoulder-2:94
- Shoulder-2:95
- Shoulder-2:96
- Shoulder-2:97
- Shoulder-2:98
- Shoulder-2:99
- Shoulder-3:00

SUBSCAPULAR FASCIA-26:41
SUPRASPINOUS FASCIA-26:42
INFRASPINOUS FASCIA-26:43

2. Muscles, nerves, vessels and ligaments of the shoulder

DELTOID MUSCLE-25:63
SUBCUTANEOUS ACROMIAL BURSA-28:22
The subsequent structures are exposed by detaching the deltoid muscle at its origin and reflecting the muscle toward its insertion.
SUBDELTOID BURSA-28:24
SUBACROMIAL BURSA-28:23
ANTERIOR HUMERAL CIRCUMFLEX ARTERY-49:12
POSTERIOR HUMERAL CIRCUMFLEX ARTERY-49:13
AXILLARY NERVE-69:34

MUSCULAR RAMI-69:35
LATERAL CUTANEOUS NERVE OF THE ARM-69:36
TERES MAJOR MUSCLE-25:67

BURSA OF THE TERES MAJOR MUSCLE-28:28
PECTORALIS MAJOR MUSCLE-24:74 Insertion only.
LATISSIMUS DORSI MUSCLE-23:17 Insertion only.
BURSA OF THE LATISSIMUS DORSI MUSCLE-28:29

CORACOACROMIAL LIGAMENT-19:42
ACROMIOCLAVICULAR ARTICULATION-19:45
ARTICULAR CAPSULE-19:46
ACROMIOCLAVICULAR LIGAMENT-19:47
ARTICULAR DISC-19:48
CORACOCALVICULAR LIGAMENT-19:49
TRAPEZOID LIGAMENT-19:50
CONOID LIGAMENT-19:51

The following muscles are exposed by sawing through the acromion at its junction with the spine of the scapula, dividing the fascia covering the teres minor muscle and reflecting it medially, but guarding at the same time the circumflex artery of the scapula.

SUPRASPINOUS MUSCLE-25:64
TERES MINOR MUSCLE-25:66
INFRASPINATUS MUSCLE-25:65
SUBSCAPULARIS MUSCLE-25:68

BURSA OF THE SUBSCAPULARIS MUSCLE-28:27

In demonstrating the following structures the infraspinatus and supraspinatus muscles are divided near their insertions, and both muscles reflected toward their origins.

BURSA OF THE INFRASPINATUS MUSCLE-28:26
TRANSVERSE SCAPULAR ARTERY-48:60

ACROMIAL RAMUS-48:61
TRANSVERSE SCAPULAR VEIN-54:25
SUPRASCAPULAR NERVE-69:31
CIRCUMFLEX SCAPULAR ARTERY-49:11
SUPERIOR TRANSVERSE SCAPULAR LIGAMENT-19:43
INFERIOR TRANSVERSE SCAPULAR LIGAMENT-19:44

SCAPULOHUMERAL JOINT-22:41
 HUMERUS-22:42
 CLAVICULA-22:43

3. Muscles, nerves, tendons and ligaments of the shoulder

DELTOID MUSCLE-22:44
 SUBSCAPULAR MUSCLE-22:45
 The subscapular muscle is exposed by detaching the deltoid muscle at its origin and reflecting the muscle toward the

insertion.
 SUBSCAPULAR MUSCLE-22:46
 SUBSCAPULAR NERVE-22:47
 ANTERIOR HORIZONTAL CIRCUMFLEX ARTERY-22:48
 POSTERIOR HORIZONTAL CIRCUMFLEX ARTERY-22:49
 AXILLARY NERVE-22:50

MUSCULAR NERVE-22:51
 LATERAL DORSAL NERVE OF THE ARM-22:52

TERES MINOR MUSCLE-22:53
 NERVE OF THE TERES MINOR MUSCLE-22:54
 PECTORALIS MAJOR MUSCLE-22:55
 LATERAL NERVE OF THE PECTORALIS MAJOR MUSCLE-22:56
 NERVE OF THE LATERAL NERVE OF THE PECTORALIS MAJOR MUSCLE-22:57

CORACOHUMERAL LIGAMENT-22:58
 ACROMIOHUMERAL JOINT-22:59
 ACROMIOPECTORAL LIGAMENT-22:60
 ACROMIOTRACHEAL LIGAMENT-22:61
 ACROMIOTRACHEAL LIGAMENT-22:62
 ACROMIOTRACHEAL LIGAMENT-22:63
 ACROMIOTRACHEAL LIGAMENT-22:64
 ACROMIOTRACHEAL LIGAMENT-22:65

ACROMIOTRACHEAL LIGAMENT-22:66
 ACROMIOTRACHEAL LIGAMENT-22:67
 The following muscles are exposed by drawing through the deltoid muscle at its insertion with the point of the scalpel, dividing the fascia covering the lower minor muscle and reflecting it medially, the capsule of the joint and the circumflex artery of the shoulder.

SCAPULOHUMERAL JOINT-22:68
 TERES MINOR MUSCLE-22:69
 INFRASPINATUS MUSCLE-22:70
 SUPRASPINATUS MUSCLE-22:71

INFRASPINATUS MUSCLE-22:72
 SUPRASPINATUS MUSCLE-22:73
 In demonstrating the following structures the infraspinatus and supraspinatus muscles are divided near their insertion, and both muscles reflected toward their origin.

INFRASPINATUS MUSCLE-22:74
 SUPRASPINATUS MUSCLE-22:75

ACROMIOTRACHEAL LIGAMENT-22:76
 ACROMIOTRACHEAL LIGAMENT-22:77

ACROMIOTRACHEAL LIGAMENT-22:78
 ACROMIOTRACHEAL LIGAMENT-22:79
 ACROMIOTRACHEAL LIGAMENT-22:80
 ACROMIOTRACHEAL LIGAMENT-22:81

V. Arm and Superficial Structures of the Forearm
and Dorsum of the Hand.

1. Surface anatomy of arm and forearm:

LATERAL BICIPITAL SULCUS-5:19
MEDIAL BICIPITAL SULCUS-5:20
MEDIAL MARGIN OF THE HUMERUS-14:4
MEDIAL EPICONDYLE-14:11
GROOVE FOR THE ULNAR NERVE-14:8
LATERAL MARGIN OF THE HUMERUS-14:5
LATERAL EPICONDYLE-14:12
OLECRANON-14:19
STYLOID PROCESS OF THE RADIUS-14:30
DORSAL MARGIN OF THE ULNA-14:44
STYLOID PROCESS OF THE ULNA-14:49

2. Arm (anterior aspect) and forearm: superficial structures

a. Cutaneous nerves

Skin incisions: a) along the middle line of the anterior surface of the arm and the volar surface of the forearm to the level of the radiocarpal articulation; b) transversely around the forearm just proximal to the radiocarpal articulation.

INTERCOSTOBRACHIAL NERVES-70:7
MEDIAL ANTIBRACHIAL CUTANEOUS NERVE-69:45
ULNAR RAMUS-69:47
VOLAR RAMUS-69:46
MEDIAL BRACHIAL CUTANEOUS NERVE-69:44
POSTERIOR BRACHIAL CUTANEOUS NERVE-69:66
DORSAL ANTIBRACHIAL CUTANEOUS NERVE-69:68
LATERAL ANTIBRACHIAL CUTANEOUS NERVE-69:43

b. Veins and lymphatics

BASILIC VEIN-54:38
CEPHALIC VEIN-54:37
MEDIAN VEIN OF THE ELBOW-54:40
In cases where the preceding vein is absent, the following veins may take its place:
MEDIAN VEIN OF THE FOREARM-54:41
MEDIAN BASILIC VEIN-54:42
MEDIAN CEPHALIC VEIN-54:43
SUPERFICIAL LYMPH GLANDS OF THE ELBOW-56:49

3. Arm (anterior aspect): deep structures

a. Deep fascia-

BRACHIAL FASCIA-26:44
LACERTUS FIBROSUS-25:73

The following fascial septa are demonstrated by dividing the brachial fascia by a longitudinal incision along the median line of the front of the arm and reflecting the medial and lateral flaps of deep fascia, leaving intact, however, the lacertus fibrosus.

MEDIAL INTERMUSCULAR SEPTUM-26:45
LATERAL INTERMUSCULAR SEPTUM-26:46

1. Wholesale business of iron and tinware

- [illegible]

25700 Brooklyn 2 - 4

the historical evolution; it encompasses from the low-
level of the evolutionary revolution.

1. UNITED STATES OF AMERICA
 2. DEPARTMENT OF THE ARMY
 3. HEADQUARTERS, 10TH AVIATION GROUP
 4. 10TH AVIATION GROUP
 5. 10TH AVIATION GROUP
 6. 10TH AVIATION GROUP
 7. 10TH AVIATION GROUP
 8. 10TH AVIATION GROUP
 9. 10TH AVIATION GROUP
 10. 10TH AVIATION GROUP
 11. 10TH AVIATION GROUP
 12. 10TH AVIATION GROUP
 13. 10TH AVIATION GROUP
 14. 10TH AVIATION GROUP
 15. 10TH AVIATION GROUP
 16. 10TH AVIATION GROUP
 17. 10TH AVIATION GROUP
 18. 10TH AVIATION GROUP
 19. 10TH AVIATION GROUP
 20. 10TH AVIATION GROUP
 21. 10TH AVIATION GROUP
 22. 10TH AVIATION GROUP
 23. 10TH AVIATION GROUP
 24. 10TH AVIATION GROUP
 25. 10TH AVIATION GROUP
 26. 10TH AVIATION GROUP
 27. 10TH AVIATION GROUP
 28. 10TH AVIATION GROUP
 29. 10TH AVIATION GROUP
 30. 10TH AVIATION GROUP
 31. 10TH AVIATION GROUP
 32. 10TH AVIATION GROUP
 33. 10TH AVIATION GROUP
 34. 10TH AVIATION GROUP
 35. 10TH AVIATION GROUP
 36. 10TH AVIATION GROUP
 37. 10TH AVIATION GROUP
 38. 10TH AVIATION GROUP
 39. 10TH AVIATION GROUP
 40. 10TH AVIATION GROUP
 41. 10TH AVIATION GROUP
 42. 10TH AVIATION GROUP
 43. 10TH AVIATION GROUP
 44. 10TH AVIATION GROUP
 45. 10TH AVIATION GROUP
 46. 10TH AVIATION GROUP
 47. 10TH AVIATION GROUP
 48. 10TH AVIATION GROUP
 49. 10TH AVIATION GROUP
 50. 10TH AVIATION GROUP
 51. 10TH AVIATION GROUP
 52. 10TH AVIATION GROUP
 53. 10TH AVIATION GROUP
 54. 10TH AVIATION GROUP
 55. 10TH AVIATION GROUP
 56. 10TH AVIATION GROUP
 57. 10TH AVIATION GROUP
 58. 10TH AVIATION GROUP
 59. 10TH AVIATION GROUP
 60. 10TH AVIATION GROUP
 61. 10TH AVIATION GROUP
 62. 10TH AVIATION GROUP
 63. 10TH AVIATION GROUP
 64. 10TH AVIATION GROUP
 65. 10TH AVIATION GROUP
 66. 10TH AVIATION GROUP
 67. 10TH AVIATION GROUP
 68. 10TH AVIATION GROUP
 69. 10TH AVIATION GROUP
 70. 10TH AVIATION GROUP
 71. 10TH AVIATION GROUP
 72. 10TH AVIATION GROUP
 73. 10TH AVIATION GROUP
 74. 10TH AVIATION GROUP
 75. 10TH AVIATION GROUP
 76. 10TH AVIATION GROUP
 77. 10TH AVIATION GROUP
 78. 10TH AVIATION GROUP
 79. 10TH AVIATION GROUP
 80. 10TH AVIATION GROUP
 81. 10TH AVIATION GROUP
 82. 10TH AVIATION GROUP
 83. 10TH AVIATION GROUP
 84. 10TH AVIATION GROUP
 85. 10TH AVIATION GROUP
 86. 10TH AVIATION GROUP
 87. 10TH AVIATION GROUP
 88. 10TH AVIATION GROUP
 89. 10TH AVIATION GROUP
 90. 10TH AVIATION GROUP
 91. 10TH AVIATION GROUP
 92. 10TH AVIATION GROUP
 93. 10TH AVIATION GROUP
 94. 10TH AVIATION GROUP
 95. 10TH AVIATION GROUP
 96. 10TH AVIATION GROUP
 97. 10TH AVIATION GROUP
 98. 10TH AVIATION GROUP
 99. 10TH AVIATION GROUP
 100. 10TH AVIATION GROUP

[illegible]

- CONFIDENTIAL

- IN THE COURT OF THE UNITED STATES FOR THE DISTRICT OF COLUMBIA

1. The first step is to identify the problem or question that needs to be answered.

[Faint handwritten text]

- [illegible]

the following (a) subject was interviewed by the author on 10/10/50, 10/11/50, 10/12/50, 10/13/50, 10/14/50, 10/15/50, 10/16/50, 10/17/50, 10/18/50, 10/19/50, 10/20/50, 10/21/50, 10/22/50, 10/23/50, 10/24/50, 10/25/50, 10/26/50, 10/27/50, 10/28/50, 10/29/50, 10/30/50, 10/31/50, 11/1/50, 11/2/50, 11/3/50, 11/4/50, 11/5/50, 11/6/50, 11/7/50, 11/8/50, 11/9/50, 11/10/50, 11/11/50, 11/12/50, 11/13/50, 11/14/50, 11/15/50, 11/16/50, 11/17/50, 11/18/50, 11/19/50, 11/20/50, 11/21/50, 11/22/50, 11/23/50, 11/24/50, 11/25/50, 11/26/50, 11/27/50, 11/28/50, 11/29/50, 11/30/50, 12/1/50, 12/2/50, 12/3/50, 12/4/50, 12/5/50, 12/6/50, 12/7/50, 12/8/50, 12/9/50, 12/10/50, 12/11/50, 12/12/50, 12/13/50, 12/14/50, 12/15/50, 12/16/50, 12/17/50, 12/18/50, 12/19/50, 12/20/50, 12/21/50, 12/22/50, 12/23/50, 12/24/50, 12/25/50, 12/26/50, 12/27/50, 12/28/50, 12/29/50, 12/30/50, 12/31/50, 1/1/51, 1/2/51, 1/3/51, 1/4/51, 1/5/51, 1/6/51, 1/7/51, 1/8/51, 1/9/51, 1/10/51, 1/11/51, 1/12/51, 1/13/51, 1/14/51, 1/15/51, 1/16/51, 1/17/51, 1/18/51, 1/19/51, 1/20/51, 1/21/51, 1/22/51, 1/23/51, 1/24/51, 1/25/51, 1/26/51, 1/27/51, 1/28/51, 1/29/51, 1/30/51, 1/31/51, 2/1/51, 2/2/51, 2/3/51, 2/4/51, 2/5/51, 2/6/51, 2/7/51, 2/8/51, 2/9/51, 2/10/51, 2/11/51, 2/12/51, 2/13/51, 2/14/51, 2/15/51, 2/16/51, 2/17/51, 2/18/51, 2/19/51, 2/20/51, 2/21/51, 2/22/51, 2/23/51, 2/24/51, 2/25/51, 2/26/51, 2/27/51, 2/28/51, 2/29/51, 2/30/51, 3/1/51, 3/2/51, 3/3/51, 3/4/51, 3/5/51, 3/6/51, 3/7/51, 3/8/51, 3/9/51, 3/10/51, 3/11/51, 3/12/51, 3/13/51, 3/14/51, 3/15/51, 3/16/51, 3/17/51, 3/18/51, 3/19/51, 3/20/51, 3/21/51, 3/22/51, 3/23/51, 3/24/51, 3/25/51, 3/26/51, 3/27/51, 3/28/51, 3/29/51, 3/30/51, 3/31/51, 4/1/51, 4/2/51, 4/3/51, 4/4/51, 4/5/51, 4/6/51, 4/7/51, 4/8/51, 4/9/51, 4/10/51, 4/11/51, 4/12/51, 4/13/51, 4/14/51, 4/15/51, 4/16/51, 4/17/51, 4/18/51, 4/19/51, 4/20/51, 4/21/51, 4/22/51, 4/23/51, 4/24/51, 4/25/51, 4/26/51, 4/27/51, 4/28/51, 4/29/51, 4/30/51, 5/1/51, 5/2/51, 5/3/51, 5/4/51, 5/5/51, 5/6/51, 5/7/51, 5/8/51, 5/9/51, 5/10/51, 5/11/51, 5/12/51, 5/13/51, 5/14/51, 5/15/51, 5/16/51, 5/17/51, 5/18/51, 5/19/51, 5/20/51, 5/21/51, 5/22/51, 5/23/51, 5/24/51, 5/25/51, 5/26/51, 5/27/51, 5/28/51, 5/29/51, 5/30/51, 5/31/51, 6/1/51, 6/2/51, 6/3/51, 6/4/51, 6/5/51, 6/6/51, 6/7/51, 6/8/51, 6/9/51, 6/10/51, 6/11/51, 6/12/51, 6/13/51, 6/14/51, 6/15/51, 6/16/51, 6/17/51, 6/18/51, 6/19/51, 6/20/51, 6/21/51, 6/22/51, 6/23/51, 6/24/51, 6/25/51, 6/26/51, 6/27/51, 6/28/51, 6/29/51, 6/30/51, 7/1/51, 7/2/51, 7/3/51, 7/4/51, 7/5/51, 7/6/51, 7/7/51, 7/8/51, 7/9/51, 7/10/51, 7/11/51, 7/12/51, 7/13/51, 7/14/51, 7/15/51, 7/16/51, 7/17/51, 7/18/51, 7/19/51, 7/20/51, 7/21/51, 7/22/51, 7/23/51, 7/24/51, 7/25/51, 7/26/51, 7/27/51, 7/28/51, 7/29/51, 7/30/51, 7/31/51, 8/1/51, 8/2/51, 8/3/51, 8/4/51, 8/5/51, 8/6/51, 8/7/51, 8/8/51, 8/9/51, 8/10/51, 8/11/51, 8/12/51, 8/13/51, 8/14/51, 8/15/51, 8/16/51, 8/17/51, 8/18/51, 8/19/51, 8/20/51, 8/21/51, 8/22/51, 8/23/51, 8/24/51, 8/25/51, 8/26/51, 8/27/51, 8/28/51, 8/29/51, 8/30/51, 8/31/51, 9/1/51, 9/2/51, 9/3/51, 9/4/51, 9/5/51, 9/6/51, 9/7/51, 9/8/51, 9/9/51, 9/10/51, 9/11/51, 9/12/51, 9/13/51, 9/14/51, 9/15/51, 9/16/51, 9/17/51, 9/18/51, 9/19/51, 9/20/51, 9/21/51, 9/22/51, 9/23/51, 9/24/51, 9/25/51, 9/26/51, 9/27/51, 9/28/51, 9/29/51, 9/30/51, 10/1/51, 10/2/51, 10/3/51, 10/4/51, 10/5/51, 10/6/51, 10/7/51, 10/8/51, 10/9/51, 10/10/51, 10/11/51, 10/12/51, 10/13/51, 10/14/51, 10/15/51, 10/16/51, 10/17/51, 10/18/51, 10/19/51, 10/20/51, 10/21/51, 10/22/51, 10/23/51, 10/24/51, 10/25/51, 10/26/51, 10/27/51, 10/28/51, 10/29/51, 10/30/51, 10/31/51, 11/1/51, 11/2/51, 11/3/51, 11/4/51, 11/5/51, 11/6/51, 11/7/51, 11/8/51, 11/9/51, 11/10/51, 11/11/51, 11/12/51, 11/13/51, 11/14/51, 11/15/51, 11/16/51, 11/17/51, 11/18/51, 11/19/51, 11/20/51, 11/21/51, 11/22/51, 11/23/51, 11/24/51, 11/25/51, 11/26/51, 11/27/51, 11/28/51, 11/29/51, 11/30/51, 12/1/51, 12/2/51, 12/3/51, 12/4/51, 12/5/51, 12/6/51, 12/7/51, 12/8/51, 12/9/51, 12/10/51, 12/11/51, 12/12/51, 12/13/51, 12/14/51, 12/15/51, 12/16/51, 12/17/51, 12/18/51, 12/19/51, 12/20/51, 12/21/51, 12/22/51, 12/23/51, 12/24/51, 12/25/51, 12/26/51, 12/27/51, 12/28/51, 12/29/51, 12

- SECRET

b. Arteries

BRACHIAL ARTERY-49:14

DEEP BRACHIAL ARTERY-49:15

SUPERIOR ULNAR COLLATERAL ARTERY-49:20

INFERIOR ULNAR COLLATERAL ARTERY-49:21

c. Veins

BRACHIAL VEINS-54:34

BASILIC VEIN-54:39

CEPHALIC VEIN-54:37

d. Nerves

MEDIAL BRACHIAL CUTANEOUS NERVE-69:44

MEDIAL ANTIBRACHIAL CUTANEOUS NERVE-69:45

MEDIAN NERVE-69:48

ULNAR NERVE-69:55

MUSCULOCUTANEOUS NERVE-69:41

MUSCULAR RAMI-69:42

LATERAL ANTIBRACHIAL CUTANEOUS NERVE-69:43

e. Muscles

BICEPS BRACHII MUSCLE-25:69

LONG HEAD-25:70 Not including its origin.

SHORT HEAD-25:72

CORACOBRAHIALIS MUSCLE-25:74

4. Cubital fossa-83:45

The following structures are dealt with here only in so far as they are related to the cubital fossa.

BRACHIAL ARTERY-49:14

RADIAL ARTERY-49:22

ULNAR ARTERY-49:36

TENDON OF BICEPS BRACHII MUSCLE

MEDIAN NERVE-69:48

BRACHIALIS MUSCLE-25:75

SUPINATOR MUSCLE-26:24

The following structures are exposed by dividing the lacertus fibrosus and widening the space between the pronator teres and brachioradialis muscles.

RADIAL NERVE-69:65

DEEP RAMUS-69:69

SUPERFICIAL RAMUS-60:71

RADIAL RECURRENT ARTERY-49:23

INFERIOR ULNAR COLLATERAL ARTERY-49:21

ULNAR RECURRENT ARTERY-49:47 Volar.

5. Arm: posterior aspect

TRICEPS BRACHII MUSCLE-25:76

LONG HEAD-25:77

LATERAL HEAD-25:78

MEDIAL HEAD-25:79

RADIAL NERVE-69:65

Exposed by dividing the lateral head of the triceps muscle along the course of the radial nerve.

POSTERIOR CUTANEOUS NERVE OF THE ARM-69:66

MUSCULAR RAMI-69:67

POSTERIOR CUTANEOUS NERVE OF THE FOREARM-69:68

1. Artery
 BRACHIAL ARTERY-42:12
 DEEP BRACHIAL ARTERY-42:12
 SUBSCAPULAR ARTERY-42:30
 INFRACLAVICULAR ARTERY-42:31

2. Vein
 BRACHIAL VEIN-42:12
 BASILIC VEIN-42:12
 CEPHALIC VEIN-42:12

3. Nerve
 MEDIAN NERVE-42:14
 ULNAR NERVE-42:14
 RADIAL NERVE-42:14
 AXILLARY NERVE-42:14
 SCAPULAR NERVE-42:14
 LATERAL ANTERIOR CUBITOUS NERVE-42:14

4. Muscle
 BICEPS BRACHII MUSCLE-42:14
 LONG HEAD-42:14 Not including the origin.
 SHORT HEAD-42:14
 CORACOBRACHIAL MUSCLE-42:14

5. Capital Losses-42:14

The following structures are dealt with here only in as far as they are related to the capital loss.

BRACHIAL ARTERY-42:14
 RADIAL ARTERY-42:14
 ULNAR ARTERY-42:14
 TENDON OF BICEPS BRACHII MUSCLE
 MEDIAN NERVE-42:14
 BRACHIAL NERVE-42:14
 AXILLARY NERVE-42:14
 SCAPULAR NERVE-42:14

The following structures are exposed by dividing the incision between the upper and lower parts of the pectoral fossa and the axilla.

BRACHIAL ARTERY-42:14
 RADIAL ARTERY-42:14
 ULNAR ARTERY-42:14
 TENDON OF BICEPS BRACHII MUSCLE
 MEDIAN NERVE-42:14
 BRACHIAL NERVE-42:14
 AXILLARY NERVE-42:14
 SCAPULAR NERVE-42:14

6. Arm-42:14

BRACHIAL ARTERY-42:14
 LONG HEAD-42:14
 LATERAL HEAD-42:14
 MEDIAN NERVE-42:14
 RADIAL NERVE-42:14

Exposed by dividing the lateral head of the triceps muscle along the course of the radial nerve.
 POSTERIOR CUBITOUS NERVE-42:14
 ULNAR NERVE-42:14
 POSTERIOR CUBITOUS NERVE-42:14

DEEP BRACHIAL ARTERY-49:15
DELTOID RAMUS-49:17
MIDDLE COLLATERAL ARTERY-49:18
RADIAL COLLATERAL ARTERY-49:19
NUTRIENT ARTERIES OF THE HUMERUS-49:16
ULNAR NERVE-69:55
SUPERIOR ULNAR COLLATERAL ARTERY-49:20
INFERIOR ULNAR COLLATERAL ARTERY-49:21
SUBTENDINOUS BURSA OF THE OLECRANON-28:32

6. Dorsum of the hand: superficial structures

Skin incisions: a) along the radial and ulnar margins of the hand; b) along the middle line of the dorsal aspect of each digit.

SUPERFICIAL RAMUS OF THE RADIAL NERVE-69:71
ULNAR ANASTOMOTIC RAMUS-69:72
DORSAL DIGITAL NERVES-69:73
DORSAL RAMUS OF THE HAND FROM THE ULNAR NERVE-69:57
DORSAL DIGITAL NERVES-69:58
VENOUS NETWORK OF THE BACK OF THE HAND-54:44
DORSAL METACARPAL VEINS-54:49
DIGITAL VENOUS ARCH-54:52
DORSAL FASCIA OF THE HAND-26:50
DORSAL CARPAL LIGAMENT-26:51

7. Forearm: volar aspect and ulnar margin

a. Deep fascia and cutaneous nerves piercing it

For the superficial fascia and certain cutaneous nerves of the forearm, see Superior Extremity, V:2.

FASCIA OF THE FOREARM-26:49
PALMAR CUTANEOUS RAMUS OF THE ULNAR NERVE-69:56
PALMAR RAMUS OF THE MEDIAN NERVE-69:51
SUPERFICIAL RAMUS OF THE RADIAL NERVE-69:71
VOLAR CARPAL LIGAMENT-26:55

b. Radial artery and nerve

Exposed by turning aside the volar ramus of the medial cutaneous nerve of the forearm, the lateral cutaneous nerve of the forearm, the superficial veins, and removing the deep fascia of the forearm except where it gives origin to underlying muscles.

RADIAL ARTERY-49:22
RADIAL RECURRENT ARTERY-49:23
SUPERFICIAL VOLAR RAMUS-49:26
MUSCULAR RAMI-49:24
VOLARCCARPAL RAMUS-49:25
RADIAL NERVE-69:65
DEEP RAMUS-69:69 Origin only
SUPERFICIAL RAMUS-69:71

c. Superficial muscles

BRACHIORDIALIS MUSCLE-26:17
PALMARIS LONGUS MUSCLE-26:7
PRONATOR TERES MUSCLE-26:3
HUMERAL HEAD-26:4
ULNAR HEAD-26:5
FLEXOR CARPI RADIALIS MUSCLE-26:6
FLEXOR CARPI ULNARIS MUSCLE-26:8

DEEP BRACHIAL ARTERY-49:15
 DELTOID RAMUS-49:17
 MEDIAL COLLATERAL ARTERY-49:18
 RADIAL COLLATERAL ARTERY-49:19
 NUTRIENT ARTERIES OF THE HUMERUS-49:16
 ULNAR NERVE-49:22
 SUPERIOR ULNAR COLLATERAL ARTERY-49:20
 INFERIOR ULNAR COLLATERAL ARTERY-49:21
 SUBSCAPULAR NERVE OF THE GLENOHUMERAL JOINT-49:22

Diagram of the hand: superficial structures

Skin incision: a) along the radial and ulnar margins of the hand; b) along the middle line of the dorsal aspect of each digit.
 SUPERFICIAL RAMUS OF THE RADIAL NERVE-49:17
 ULNAR ANASTOMOTIC RAMUS-49:17
 DORSAL DIGITAL NERVE-49:17
 DORSAL RAMUS OF THE HAND FROM THE ULNAR NERVE-49:27
 DORSAL DIGITAL NERVE-49:28
 VENOUS NETWORK OF THE BACK OF THE HAND-54:44
 DORSAL METACARPAL VEIN-54:49
 DIGITAL VEIN-54:50
 DORSAL FASCIA OF THE HAND-54:50
 DORSAL CARPAL LIGAMENT-54:51

Forearm: volar aspect and ulnar margin

Deep fascia and volar nerves are shown in the diagram.
 For the superficial fascia and certain cutaneous nerves of the forearm, see Superior Extremity, V:2.
 FASCIA OF THE FOREARM-54:49
 ULNAR CUTANEOUS RAMUS OF THE ULNAR NERVE-54:52
 PALMAR RAMUS OF THE MEDIAN NERVE-54:51
 SUPERFICIAL RAMUS OF THE RADIAL NERVE-54:51
 Volar carpal ligament-54:52

b. Radial artery and nerve

Exposed by turning aside the volar ramus of the medial cutaneous nerve of the forearm, the lateral cutaneous nerve of the forearm, the superficial veins, and removing the deep fascia of the forearm except where it gives origin to underlying muscles.
 RADIAL ARTERY-49:22
 RADIAL RECURRENT ARTERY-49:23
 SUPERFICIAL Volar RAMUS-49:24
 MUSCULAR RAMUS-49:24
 VOLAROCARPAL RAMUS-49:25
 RADIAL NERVE-49:25
 DEEP RAMUS-49:25 (Origin only)
 SUPERFICIAL RAMUS-49:27

a. Superficial muscles

BRACHIORADIALIS MUSCLE-54:17
 PALMARIS LONGUS MUSCLE-54:17
 PRONATOR TERES MUSCLE-54:18
 HUMERAL HEAD-54:18
 ULNAR HEAD-54:18
 FLEXOR CARPI RADIALIS MUSCLE-54:18
 FLEXOR CARPI ULNARIS MUSCLE-54:18

HUMERAL HEAD-26:9
ULNAR HEAD-26:10
FLEXOR DIGITORUM SUBLIMIS-26:11
HUMERAL HEAD-26:12
ULNAR HEAD-26:13

d. Ulnar vessels and median nerve

ULNAR ARTERY-49:36
RECURRENT ULNAR ARTERIES-49:37
COMMON INTEROSSEOUS ARTERY-49:39
VOLAR INTEROSSEOUS ARTERY-49:42 Origin only.
DORSAL INTEROSSEOUS ARTERY-49:40 Origin only.
VOLAR CARPAL RAMUS-49:46
DORSAL CARPAL RAMUS-49:45
MUSCULAR RAMI-49:44
ULNAR VEINS-54:36
ULNAR NERVE-69:55
PALMAR CUTANEOUS RAMI-69:56
DORSAL RAMUS OF THE HAND-69:57
VOLAR RAMUS OF THE HAND-69:59 Origin only.
MUSCULAR RAMI-60:64
MEDIAN NERVE-69:48
Exposed by reflecting the humeral head of the pronator teres muscle and the radial head of the flexor digitorum sublimis muscle.
MUSCULAR RAMI-69:49
VOLAR INTEROSSEOUS NERVE OF THE FOREARM-69:50 Origin only.
PALMAR RAMUS OF THE MEDIAN NERVE-69:51 Origin only.

e. Deep structures on the volar aspect of the forearm

FLEXOR DIGITORUM PROFUNDUS MUSCLE-26:14
FLEXOR POLLICIS LONGUS MUSCLE-26:15
PRONATOR QUADRATUS MUSCLE-26:16
VOLAR INTEROSSEOUS ARTERY-49:42
MEDIAN ARTERY-49:43
MUSCULAR RAMI-49:44
VOLAR INTEROSSEOUS NERVE-69:50

VI. Wrist and Hand: Volar Aspect

1. Surface anatomy

THENAR EMINENCE-5:32
HYPOTHENAR EMINENCE-5:33
TUBERCLE OF THE NAVICULAR BONE-14:54
TUBERCLE OF THE GREATER MULTANGULAR BONE-14:59
PISIFORM BONE-14:57
METACARPAL BONES-14:68
PHALANGES-14:74

2. Fascia and cutaneous nerves

Skin incisions: a) longitudinally along the middle line of the palm; b) transversely at the level of the proximal ends of the interdigital clefts from the radial to the ulnar margin of the hand; c) longitudinally along the middle line of each digit.
SUPERFICIAL FASCIA-23:36
PALMARIS BREVIS MUSCLE-26:29
PALMAR BRANCH OF THE MEDIAN NERVE-69:51

PALMAR CUTANEOUS BRANCH OF THE ULNAR NERVE-69:56
SUPERFICIAL BRANCH OF THE RADIAL NERVE-69:71
PALMAR APONEUROSIS-26:52
TRANSVERSE FASICULI-26:53
VOLAR CARPAL LIGAMENT-26:55

3. Muscles, nerves, vessels and ligaments

a. Nerves and vessels superficial to the muscles and flexor tendons of the palm.

Exposed by dividing the proximal part of the palmar aponeurosis transversely, reflecting it distally and then removing the entire aponeurosis together with the palmaris brevis muscle and the volar carpal ligament.

SUPERFICIAL VOLAR ARCH-49:48
SUPERFICIAL VOLAR RAMUS OF THE RADIAL ARTERY-49:26
COMMON VOLAR DIGITAL ARTERIES-49:49
PROPER VOLAR DIGITAL ARTERIES-49:50
MEDIAN NERVE-69:48
MUSCULAR RAMI-69:49
COMMON VOLAR DIGITAL NERVES-69:53
PROPER VOLAR DIGITAL NERVES-69:54
VOLAR RAMUS OF THE ULNAR NERVE IN THE HAND-69:59
DEEP RAMUS-69:63 Origin only.
SUPERFICIAL RAMUS-69:60
COMMON VOLAR DIGITAL NERVES-69:61
PROPER VOLAR DIGITAL NERVES-69:62

b. Ligaments and mucous sheaths of the flexor tendons

TRANSVERSE CARPAL LIGAMENT-26:54
VAGINA TENDINUM MM. FLEXORUM COMMUNIORUM-28:48
VAGINA TENDINIS M. FLEXORIS POLLICIS LONGI-28:49
VAGINAL LIGAMENTS OF THE DIGITS-26:59
ANNULAR LIGAMENTS OF THE DIGITS-26:60
CRUCIATE LIGAMENTS OF THE DIGITS-26:61
VINCULUM TENDINUM-26:57
CARPAL CANAL-20:24
CHIASMA TENDINUM-26:56

c. Muscles

LUMBRICALES MUSCLES-26:37

Exposed by dividing the superficial volar arch just distal to the deep ramus of the ulnar artery and also at its junction with the superficial volar ramus of the radial artery and reflecting the arch distally, dividing the median nerve at the level of the wrist and reflecting it distally, and dividing the flexor digitorum sublimis muscle at the middle of the forearm and reflecting the distal part toward its insertion.

The demonstration of the following structures may be completed by dividing the flexor digitorum profundus in the forearm and reflecting it and the lumbricales muscles toward their insertions, noting at the same time the muscular rami from the deep branch of the ulnar nerve to the two (ulnar) lumbrical muscles.

ABDUCTOR POLLICIS BREVIS MUSCLE-26:30
OPPONENS POLLICIS MUSCLE-26:32
ADDUCTOR POLLIS MUSCLE

ADDUCTOR POLLICIS MUSCLE-26:33
ABDUCTOR DIGITI QUINTI MUSCLE-26:34
FLEXOR DIGITI QUINTI BREVIS MUSCLE-26:35
OPPONENS DIGITI QUINTI MUSCLE-26:36

d. Nerves and vessels, internal to the flexor tendons and muscles of the palm.

DEEP RAMUS OF THE ULNAR NERVE-69:63
MUSCULAR RAMI-69:64
DEEP VOLAR ARCH-49:33
VOLAR METACARPAL ARTERIES-49:34
PERFORATING RAMI-49:35
PRINCEPS POLLICIS ARTERY-49:31
Demonstrated by detaching the adductor pollicis muscle at its origin and reflecting it toward its insertion.
VOLAR RADIAL ARTERY OF THE INDEX DIGIT-49:32

VII. Forearm: Dorsal Aspect and Radial Margin

1. Fascia, muscles, nerves and vessels

a. Deep fascia of forearm

For the superficial fascia, cutaneous nerves and superficial vessels, see Superior Extremity, V:2.
FASCIA OF FOREARM-26:49
DORSAL CARPAL LIGAMENT-26:51

b. Superficial muscles

Exposed by removing the deep fascia from the dorsum of the forearm, except where it gives origin to subjacent muscles as in the region of the elbow (retaining intact, however, the dorsal carpal ligament).

BRACHIORADIALIS MUSCLE-26:17
EXTENSOR CARPI RADIALIS LONGUS MUSCLE-26:18
EXTENSOR CARPI RADIALIS BREVIS MUSCLE-26:19
BURSA OF THE EXTENSOR CARPI RADIALIS BREVIS MUSCLE-28:43
EXTENSOR DIGITORUM COMMUNIS MUSCLE-26:20
EXTENSOR DIGITI QUINTI PROPRIUS MUSCLE-26:22
ANCONAEUS MUSCLE-26:1
EXTENSOR CARPI ULNARIS MUSCLE-26:23

c. Nerves and vessels

Exposed by dividing the extensor digitorum communis and extensor digiti quinti muscles at the middle of the forearm, and reflecting the proximal and distal segments of the divided muscles toward their origin and insertion, respectively.

DORSAL INTEROSSEOUS ARTERY-49:40
RECURRENT INTEROSSEOUS ARTERY-49:41
ARTERIAL NETWORK OF THE ELBOW-49:38
VOLAR INTEROSSEOUS ARTERY-49:42
DEEP RAMUS OF THE RADIAL NERVE-69:69
DORSAL INTEROSSEOUS NERVE-69:70

d. Deep muscles

ABDUCTOR POLLICIS LONGUS MUSCLE-26:25

ADDUCTOR POLICIS MUSCLE-25:12
 ADDUCTOR DIGITI QUINQUE MUSCLE-25:12
 FLEXOR DIGITI QUINQUE MUSCLE-25:12
 OPONENS DIGITI QUINQUE MUSCLE-25:12

4. Nerves and vessels, digital on the lateral side and muscles of the sole

DEEP NERVE OF THE LATERAL SIDE-25:12
 NUCLEUS-25:12
 DEEP NERVE-25:12
 NUCLEUS-25:12
 PERFORATING NERVE-25:12
 PRINCIPAL FLEXOR ANTERIOR-25:12
 Demonstrated by detaching the adductor pollicis muscle as
 its origin and following it toward the insertion.
 VOLAR NUCLEUS-25:12

VII. Forearm: General Anatomy and Regional Muscles

1. Forearm: muscles, nerves and vessels

A. Deep fascia of forearm
 For the superficial fascia, cutaneous nerves and superficial
 vessels, see Superior Extremity, VII.
 FASCIA OF FOREARM-25:12
 DORSAL CARPAL LIGAMENT-25:12

B. Superficial muscles

Exposed by removing the deep fascia from the dorsum of the forearm,
 and, except where its origin is superficial muscles as in the
 region of the elbow (passing lateral, however, the dorsal carpal
 ligament).
 BRACHIORADIALIS MUSCLE-25:12
 EXTENSOR CARPI RADIALIS LONGUS MUSCLE-25:12
 EXTENSOR CARPI RADIALIS BREVIS MUSCLE-25:12
 BULB OF THE EXTENSOR CARPI RADIALIS BREVIS MUSCLE-25:12
 EXTENSOR DIGITORUM COMMUNE MUSCLE-25:12
 EXTENSOR DIGITI QUINQUE MUSCLE-25:12
 ANOMALUS MUSCLE-25:12
 EXTENSOR CARPI ULNARIS MUSCLE-25:12

C. Nerves and vessels

Exposed by dividing the extensor digitorum communis and extending
 slightly medial muscles as the middle of the forearm, and following
 the proximal and distal segments of the divided muscles toward
 their origin and insertion, respectively.
 DORSAL INTEROSSEOUS NERVE-25:12
 ANOMALUS NERVE-25:12
 ANOMALUS NERVE-25:12
 VOLAR INTEROSSEOUS NERVE-25:12
 NUCLEUS-25:12
 DORSAL INTEROSSEOUS NERVE-25:12

D. Deep muscles

EXTENSOR POLLICIS BREVIS MUSCLE-26:26
EXTENSOR POLLICIS LONGUS MUSCLE-26:27
EXTENSOR INDICIS PROPRIUS MUSCLE-26:28
SUPINATOR MUSCLE-26:24

VIII. Wrist and Hand: Dorsal Aspect

1. Muscles, nerves and vessels

a. Vessels

For the cutaneous nerves and superficial vessels see Superior Extremity, V:6.

RADIAL ARTERY-49:22

DORSAL CARPAL RAMUS-49:27

DORSAL CARPAL RETE-49:28

DORSAL METACARPAL ARTERIES-49:29

DORSAL DIGITAL ARTERIES-49:30

PERFORATING RAMI-49:35

b. Muscles, nerves and ligaments

DORSAL CARPAL LIGAMENT-26:51

JUNCTURAE TENDINUM-26:21

DORSAL INTEROSSEOUS NERVE-69:70

TRANSVERSE LIGAMENTS OF THE HEADS OF THE METACARPAL BONES-20:41

VOLAR INTEROSSEOUS MUSCLES-26:39

DORSAL INTEROSSEOUS MUSCLES-26:38

FLEXOR POLLICIS BREVIS MUSCLE-26:31 Deep head.

Demonstrated by reflecting the radial head of the first dorsal interosseous muscle.

FLEXOR CARPI RADIALIS MUSCLE-26:6

IX. Articulations of the Superior Extremity

1. Shoulder joint-19:58

ARTICULAR CAPSULE-19:59

CORACOHUMERAL LIGAMENT-19:61

GLENOID LIP-19:60

LONG HEAD OF THE BICEPS MUSCLE-25:70

SYNOVIAL MEMBRANE-18:32

INTERTUBERCULAR MUCOUS SHEATH-25:71

BURSA SUBSCAPULARIS-28:28

2. Elbow joint-19:62

ARTICULAR CAPSULE-19:66

ULNAR COLLATERAL LIGAMENT-19:67

RADIAL COLLATERAL LIGAMENT-19:68

SYNOVIAL MEMBRANE-18:32

HUMEROULNAR ARTICULATION-19:63

HUMERORADIAL ARTICULATION-19:64

3. Joint of the hand-20:8

a. Radiocarpal articulation-20:9

ARTICULAR CAPSULE-20:11

DORSAL RADIOCARPAL LIGAMENT-20:12

EXTENSOR POLICIS DIGITI MUSCLES-22:15
EXTENSOR POLICIS DIGITI MUSCLES-22:17
EXTENSOR INDICIS PROPRIIUS MUSCLES-22:22
EXTENSOR INDICIS MUSCLES-22:22

IX. Nerves and Blood Vessels

1. Nerves, nerves and vessels

a. Vessels

For the extensive nerves and superficial vessels see Superior
Extremity V. 5.
RADIAL ARTERY-22:22
DORSAL CARPAL ARTERY-22:27
DORSAL CARPAL VEIN-22:28
DORSAL METACARPAL ARTERIES-22:32
DORSAL DIGITAL ARTERIES-22:33
PERFORATING RAMI-22:33

b. Nerves, nerves and ligaments

DORSAL NERVE-22:33
LUMBOSACRAL TRUNK-22:31
DORSAL INTEROSSEOUS NERVE-22:30
TRANSVERSE LIGAMENTS OF THE HANDS OF THE METACARPAL BONES-22:31
VOLAR INTEROSSEOUS MUSCLES-22:32
DORSAL INTEROSSEOUS MUSCLES-22:32
EXTENSOR POLICIS DIGITI MUSCLES-22:31
Demonstrated by rotating the radial hand of the finger
dorsal interosseous muscles
EXTENSOR CARPI RADIALIS MUSCLES-22:32

IX. Articulations of the Superior Extremity

1. Shoulder Joint-22:32

ARTICULAR CAPSULE-22:32
CORACOHUMERAL LIGAMENT-22:31
GLENOID LIP-22:30
LONG HEAD OF THE BICEPS MUSCLE-22:30
SYNOVIAL MEMBRANE-22:32
INFRASPINATUS MUSCLE-22:32
SUPRASPINATUS MUSCLE-22:32

2. Elbow Joint-22:32

ARTICULAR CAPSULE-22:32
ULNAR COLLATERAL LIGAMENT-22:32
RADIAL COLLATERAL LIGAMENT-22:32
SYNOVIAL MEMBRANE-22:32
HETEROCENTRIC ARTICULATION-22:32
HETEROCENTRIC ARTICULATION-22:32

3. Joint of the Wrist-22:32

a. Ligaments of the Wrist-22:32

ARTICULAR CAPSULE-22:32

VOLAR RADIOCARPAL LIGAMENT-20:13
ULNAR COLLATERAL CARPAL LIGAMENT-20:15
RADIAL COLLATERAL CARPAL LIGAMENT-20:16

b. Intercarpal articulation-20:10

ARTICULAR CAPSULE-20:11
RADIATE CARPAL LIGAMENT-20:14
DORSAL INTERCARPAL LIGAMENTS-20:17
VOLAR INTERCARPAL LIGAMENTS-20:18
INTEROSSEOUS INTERCARPAL LIGAMENTS-20:19

4. Pisiform articulation-20:20

ARTICULAR CAPSULE-20:21
PISOHAMATE LIGAMENT-20:22
PISOMETACARPAL LIGAMENT-20:23
CARPAL CANAL-20:24

5. Radioulnar articulations

PROXIMAL RADIOULNAR ARTICULATION-19:65
ANNULAR LIGAMENT OF THE RADIUS-19:69
RECESSUS SACCIFORMIS-20:1
DISTAL RADIOULNAR ARTICULATION-20:4
ARTICULAR DISC-20:6
ARTICULAR CAPSULE-20:5
RECESSUS SACCIFORMIS-20:7
INTEROSSEOUS MEMBRANE OF FOREARM-20:2
OBLIQUE CORD-20:3

6. Carpometacarpal articulations-20:25

ARTICULAR CAPSULES-20:32
DORSAL CARPOMETACARPAL LIGAMENTS-20:27
VOLAR CARPOMETACARPAL LIGAMENTS-20:28
CARPOMETACARPAL ARTICULATION OF THE THUMB-20:29
ARTICULAR CAPSULE-20:30

7. Intermetacarpal articulations-20:31

ARTICULAR CAPSULES-20:32
DORSAL BASAL LIGAMENTS-20:33
VOLAR BASAL LIGAMENTS-20:34
INTEROSSEOUS BASAL LIGAMENTS-20:35

8. Metacarpophalangeal articulations-20:37

ARTICULAR CAPSULES-20:38
COLLATERAL LIGAMENTS-20:39
VOLAR ACCESSORY LIGAMENTS-20:40
TRANSVERSE LIGAMENTS OF THE HEADS OF THE METACARPAL BONES-20:41

9. Articulations of the digits-20:42

ARTICULAR CAPSULES-20:43
COLLATERAL LIGAMENTS-20:44

1880

VOLOS RADIOMARKING EQUIPMENT 1-30-75
UNION COMMERCIAL BANK 1-30-75
CAPITAL COLLABORATION BANK 1-30-75

RECEIVED
JAN 10 1968
U.S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C.

1. The following information is being furnished to you for your information and use only. It is not to be distributed outside your agency.

1. RECEIVED
 2. RECEIVED
 3. RECEIVED
 4. RECEIVED
 5. RECEIVED
 6. RECEIVED
 7. RECEIVED
 8. RECEIVED
 9. RECEIVED
 10. RECEIVED
 11. RECEIVED
 12. RECEIVED
 13. RECEIVED
 14. RECEIVED
 15. RECEIVED
 16. RECEIVED
 17. RECEIVED
 18. RECEIVED
 19. RECEIVED
 20. RECEIVED
 21. RECEIVED
 22. RECEIVED
 23. RECEIVED
 24. RECEIVED
 25. RECEIVED
 26. RECEIVED
 27. RECEIVED
 28. RECEIVED
 29. RECEIVED
 30. RECEIVED
 31. RECEIVED
 32. RECEIVED
 33. RECEIVED
 34. RECEIVED
 35. RECEIVED
 36. RECEIVED
 37. RECEIVED
 38. RECEIVED
 39. RECEIVED
 40. RECEIVED
 41. RECEIVED
 42. RECEIVED
 43. RECEIVED
 44. RECEIVED
 45. RECEIVED
 46. RECEIVED
 47. RECEIVED
 48. RECEIVED
 49. RECEIVED
 50. RECEIVED
 51. RECEIVED
 52. RECEIVED
 53. RECEIVED
 54. RECEIVED
 55. RECEIVED
 56. RECEIVED
 57. RECEIVED
 58. RECEIVED
 59. RECEIVED
 60. RECEIVED
 61. RECEIVED
 62. RECEIVED
 63. RECEIVED
 64. RECEIVED
 65. RECEIVED
 66. RECEIVED
 67. RECEIVED
 68. RECEIVED
 69. RECEIVED
 70. RECEIVED
 71. RECEIVED
 72. RECEIVED
 73. RECEIVED
 74. RECEIVED
 75. RECEIVED
 76. RECEIVED
 77. RECEIVED
 78. RECEIVED
 79. RECEIVED
 80. RECEIVED
 81. RECEIVED
 82. RECEIVED
 83. RECEIVED
 84. RECEIVED
 85. RECEIVED
 86. RECEIVED
 87. RECEIVED
 88. RECEIVED
 89. RECEIVED
 90. RECEIVED
 91. RECEIVED
 92. RECEIVED
 93. RECEIVED
 94. RECEIVED
 95. RECEIVED
 96. RECEIVED
 97. RECEIVED
 98. RECEIVED
 99. RECEIVED
 100. RECEIVED

[illegible][illegible]

SECRET

[Faint, illegible handwritten notes]

I. General Characteristics

1. Subdivisions of thorax and back

THORAX-4:47
 THORACIC CAVITY-4:48
 BREAST-4:49
 NIPPLE-4:50
 MAMMARY PAPILLA-4:51
 BACK-4:52
 VERTEBRAL COLUMN-4:53
 SPINAL CANAL-4:54

2. Surface anatomy

For the surface anatomy of the thorax and back see Superior Extremity, I:1 and II:1.

3. General osteological characteristics of thorax

THORACIC CAVITY-7:58
 SUPERIOR APERTURE OF THORAX-7:59
 INFERIOR APERTURE OF THORAX-7:60
 THORAX
 AND DEEP STRUCTURES OF THE BACK

 INFRACLAVICULAR ARCH-7:61

4. Regions of thorax and back

For regions of the thorax and back refer to Superior Extremity, I:2, and II:2.

II. Thoracic Wall; Anterior and Lateral Parts

1. Intercostal muscles, ligaments and nerves

For structures of the thoracic wall external to the costal arches and intercostal muscles see Superior Extremity, II:3, 4.

EXTERNAL INTERCOSTAL MUSCLES-23:3
 EXTERNAL INTERCOSTAL LIGAMENTS-13:32
 INTERNAL INTERCOSTAL MUSCLES-25:6

Exposed by dividing the external intercostal muscles and external intercostal ligaments along the inferior margins of the intercostal spaces and reflecting the muscles and ligaments upward.

INTERNAL INTERCOSTAL LIGAMENTS-19:23
 ANTERIOR RAMI (INTERCOSTAL NERVES) OF THORACIC NERVES-70:1
 VISCERAL RAMI-70:2
 LATERAL CUTANEOUS RAMI-70:3
 POSTERIOR AND ANTERIOR RAMI-70:4, 5
 LATERAL MILKERY RAMI-70:6
 INTERCOSTOBRACHIAL NERVES-70:7
 ANTERIOR CUTANEOUS RAMI-70:8
 MEDIAL MILKERY RAMI-70:9

THORAX

AND DEEP STRUCTURES OF THE BACK

I. General Characteristics

1. Subdivisions of thorax and back

THORAX-4:47
THORACIC CAVITY-4:48
BREAST-4:49
MAMMA-4:50
MAMMARY PAPILLA-4:51
BACK-4:52
VERTEBRAL COLUMN-4:53
SPINAL CANAL-4:54

2. Surface anatomy

For the surface anatomy of the thorax and back see Superior Extremity, I:1 and II:1.

3. General osteological characteristics of thorax

THORACIC CAVITY-7:58
SUPERIOR APERTURE OF THE THORAX-7:59
INFERIOR APERTURE OF THE THORAX-7:60
COSTAL ARCHES-7:61
INTERCOSTAL SPACES-7:62
INFRASTERNAL ANGLE-7:63

4. Regions of thorax and back

For regions of the thorax and back refer to Superior Extremity, I:2, and II:2.

II. Thoracic Wall: Anterior and Lateral Parts

1. Intercostal muscles, ligaments and nerves

For structures of the thoracic wall external to the costal arches and intercostal muscles see Superior Extremity, II:3, 4.

EXTERNAL INTERCOSTAL MUSCLES-25:5
EXTERNAL INTERCOSTAL LIGAMENTS-19:32
INTERNAL INTERCOSTAL MUSCLES-25:6

Exposed by dividing the external intercostal muscles and external intercostal ligaments along the inferior margins of the intercostal spaces and reflecting the muscles and ligaments upward.

INTERNAL INTERCOSTAL LIGAMENTS-19:33
ANTERIOR RAMI (INTERCOSTAL NERVES) OF THORACIC NERVES-70:1
MUSCULAR RAMI-70:2
LATERAL CUTANEOUS RAMI-70:3
POSTERIOR AND ANTERIOR RAMI-70:4, 5
LATERAL MAMMARY RAMI-70:6
INTERCOSTOBRACHIAL NERVES-70:7
ANTERIOR CUTANEOUS RAMI-70:8
MEDIAL MAMMARY RAMI-70:9

1. General anatomy of the thorax

2. Subdivisions of the thorax and its parts

- THORAX-4:17
- THORACIC CAVITY-4:18
- BREAST-4:49
- MAMMA-4:50
- MAMMARY GLAND-4:51
- BACK-4:52
- VERTEBRAL COLUMN-4:53
- SPINAL CANAL-4:54

3. Surface anatomy

For the surface anatomy of the thorax and back see Superior Extremity, I:1 and II:1.

4. General anatomical considerations of the thorax

- THORACIC CAVITY-4:18
- SUPERIOR APERTURE OF THE THORAX-4:19
- INFERIOR APERTURE OF THE THORAX-4:20
- COASTAL ARCHES-4:21
- INTERCOSTAL SPACES-4:22
- POSTERIOR APERTURE-4:23

5. Regions of the thorax and back

For regions of the thorax and back refer to Superior Extremity, I:2 and II:2.

II. Thoracic Wall: Anterior and Lateral Walls

1. Anterior wall: Sternum and Ribs

For structures of the thoracic wall extending to the costal spaces and intercostal spaces see Superior Extremity, II:3, 4.

- EXTERNAL INTERCOSTAL MUSCLE-4:24
- EXTERNAL INTERCOSTAL NERVE-4:25
- INTERNAL INTERCOSTAL MUSCLE-4:26

Exposed by dividing the external intercostal muscle and external intercostal nerve along the inferior margin of the intercostal space and reflecting the muscle and nerve upwards.

- INTERNAL INTERCOSTAL NERVE-4:27
- ANTERIOR PART (INTERCOSTAL NERVE) OF THORACIC NERVE-4:28
- MUSCULI RARI-4:29
- LATERAL CUTANEOUS RAMI-4:30

- POSTERIOR AND ANTERIOR RAMI-4:31
- LATERAL NERVE-4:32
- INTERCOSTAL NERVE-4:33
- ANTERIOR NERVE-4:34
- POSTERIOR NERVE-4:35

2. Blood Vessels

HIGHEST INTERCOSTAL ARTERY-48:63

INTERCOSTAL ARTERIES-49:59

ANTERIOR RAMI-49:65

MUSCULAR RAMI-49:66

LATERAL CUTANEOUS RAMI-49:67

POSTERIOR RAMI-49:68

ANTERIOR RAMI-50:1

LATERAL MAMMARY RAMI-50:2

ANTERIOR CUTANEOUS RAMI-50:3

MEDIAL MAMMARY RAMI-50:4

POSTERIOR RAMI-49:60 See also Superior Extremity, I:3.

INTERCOSTAL VEINS-54:56

INTERNAL MAMMARY ARTERY-48:34

Exposed by removing the intercostal muscles and ligaments from the anterior ends of the intercostal spaces, guarding against injury to the pleura.

STERNAL RAMI-48:39

PERFORATING RAMI-48:40

MAMMARY RAMI-48:41

MUSCULAR RAMI-48:42

CUTANEOUS RAMI-48:43

INTERCOSTAL RAMI-44:45

MUSCULOPHRENIC ARTERY-44:46

Exposed by cutting away the medial end of the sixth costal cartilage.

SUPERIOR EPIGASTRIC ARTERY-44:47 Its origin only.

INTERNAL MAMMARY VEIN-52:65

TRANSVERSE THORACIC MUSCLE-25:8

III. Thoracic Cavity and Viscera1. Pleura and pleural cavities

The pleura is exposed by removing the intercostal muscles, separating the pleura from the internal surfaces of the sternum and ribs, and with a saw and bone-forceps, removing the sternum and costal arches by the following incisions, but retaining the pleura intact: a) transversely through the sternum at the level of the lower margin of the first costosternal junction; b) transversely through the sternum at the level of the upper margin of the sixth costosternal junction; c) dividing the second, third, fourth, and fifth ribs at the junction of the middle and posterior thirds of each.

ENDOTHORACIC FASCIA-38:2

The pericardium may be identified by inserting the finger between the lines of sternal reflection of the right and left pleurae and passing it through the areolar tissue of the anterior mediastinal cavity.

Incisions through the pleura exposing the pleural cavity:

a) longitudinally through the costal pleura midway between the sternum and vertebral column extending from the first to the sixth rib; b) transversely along the inferior margin of the first rib and along the superior margin of the sixth rib, extending

3. Blood Vessels

HIGHEST INTERCOSTAL ARTERY-40:33
INTERCOSTAL VEIN-40:33
ANTERIOR RAMI-40:33
MUSCULAR RAMI-40:33
LATERAL CUTANEOUS RAMI-40:33
POSTERIOR RAMI-40:33
ANTERIOR RAMI-40:33
LATERAL MAMMARY RAMI-40:33
ANTERIOR CUTANEOUS RAMI-40:33
MUSCULAR RAMI-40:33
POSTERIOR RAMI-40:33
INTERCOSTAL VEIN-40:33
INTERCOSTAL ARTERY-40:33
Exposed by removing the intercostal muscles and ligaments from the anterior ends of the intercostal spaces, examining against artery to the pleura.
STERNAL RAMI-40:33
PERFORATING RAMI-40:33
MAMMARY RAMI-40:33
MUSCULAR RAMI-40:33
CUTANEOUS RAMI-40:33
INTERCOSTAL RAMI-40:33
MUSCULOCUTANEOUS ARTERY-40:33
Exposed by cutting away the medial end of the sixth costal cartilage.
SUPERIOR INTERCOSTAL ARTERY-40:33
INTERNAL MAMMARY VEIN-40:33
TRANSVERSE THORACIC MUSCLE-40:33

III. Thoracic Cavity and Viscera

1. Pleura and Pleural Cavities

The pleura is exposed by removing the intercostal muscles, separating the pleura from the internal surfaces of the sternum and ribs, and with a saw and bone-forceps, removing the sternum and costal arches by the following incisions, and retaining the pleura intact: a) transversely through the sternum at the level of the lower margin of the first costochondral junction; b) trans- versely through the sternum at the level of the upper margin of the fifth costochondral junction; c) dividing the sternum, trans- versely, and lifting it up, junction of the middle and lower costal cartilage of each.
INDENTOR-GIL 38:12-38:13
The pleural cavity may be identified by inserting the finger between the lines of sutured resection of the right and left pleurae and passing it through the areolar tissue of the anterior mediastinal cavity.
Incision through the pleura exposing the pleural cavity:
a) longitudinally through the costal pleura midway between the sternum and vertebral column, extending from the first to the sixth rib; b) transversely along the inferior margin of the first rib and along the superior margin of the sixth rib, extending

medially to within about 2 cm. of the line of sternal reflection of the pleura and laterally to the line of the cut ends of the second to fifth ribs.

PULMONARY LIGAMENT-38:16

CUPULA OF PLEURA-38:5

PULMONARY PLEURA-38:6

PARIETAL PLEURA-38:7

COSTAL PLEURA-38:1b

MEDIASTINAL PLEURA-38:8

MEDIASTINAL LAYERS-38:9

PERICARDIAL PLEURA-38:10

DIAPHRAGMATIC PLEURA-38:12

PLEURAL SINUSES-38:13

PHRENICOCOSTAL SINUS-38:14

COSTOMEDIASTINAL SINUS-38:15

ADIPOSE FOLDS-38:17

PLEURAL VILLI-38:18

MEDIASTINAL SEPTUM-38:19

ANTERIOR MEDIASTINAL CAVITY-38:20

POSTERIOR MEDIASTINAL CAVITY-38:21

2. Lungs.

The lung is removed by dividing its root close to the medial surface of the lung.

a. Surface anatomy of lungs

BASE OF LUNG-37:57

APEX OF LUNG-37:58

COSTAL SURFACE-37:60

MEDIASTINAL SURFACE-37:61

DIAPHRAGMATIC SURFACE-37:62

ANTERIOR MARGIN-37:63

INFERIOR MARGIN-37:64

HILUS OF LUNG-37:65

ROOT OF LUNG-37:66

SUBCLAVIAN GROOVE-37:59

INTERLOBAR INCISURE-37:71

SUPERIOR LOBE-37:68

MIDDLE LOBE-37:69

INFERIOR LOBE-37:70

CARDIAC NOTCH-37:67

b. Internal structure of lungs

BRONCHI-37:41

Demonstrated by tearing and removing parts of the pulmonary tissue and following the bronchi and blood vessels and their subdivisions as far as possible into the substance of the lung.

BRONCHIOLES-37:74

RESPIRATORY BRONCHIOLES-37:75

ALVEOLAR DUCTULES-37:76

PULMONARY ALVEOLI-37:77

BRONCHIAL LYMPH GLANDS-37:78

BRONCHIAL LYMPHATIC NODULES-37:79

PULMONARY LYMPH GLANDS-37:80

notified persons to call and to get a further notice of violation
and to come for the call and to get a further notice of violation

RECEIVED

COPIES OF THE REPORT

REF ID: A63584

FILE-10719 JANUARY

11-22-2019 14:30

RECEIVED

7-18-55

1954-1955

DIAPHRAGMATIC PLEURA-18-12

RECEIVED JAN 29 1962

[illegible]

[Faint mirrored bleed-through from reverse side]

VI-AC-26103-5809104

81-96-7 LTV 3431319

01:25 JAN 30 1974

ORISE-YTIVAG IUNTAUTUM EISESTO

1933. XIV. 17. 1933. XIV. 17. 1933. XIV. 17.

The lamp is removed by dividing the foot close to the middle.

... is very much ...

7. 1. 1951

ALX 0115037

00-77-2342H13 JAT600

RECEIVED

1947-1948

NO. 10-113941-101

10:15-10:30 AM

THE END OF THE LINE

NOT OF LONG STANDING

[illegible]

1975-1976

64-76-5771-90193702

PA 75-3903 110000

05-35-3101 2218-001

... ..

... to continue to work...

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

There are no other persons in the household of the defendant.

...

... 1917 ...

1875

1880

... ..

RECEIVED JAN 10 1962

THE UNIVERSITY OF CHICAGO

3. Root of lung and related structuresa. Structures in relation to the right and left roots

Anterior:

ANTERIOR PULMONARY PLEXUS OF THE VAGUS NERVE-68:45

PHRENIC NERVE-69:21

PERICARDIACOPHRENIC ARTERY-48:38

Posterior:

VAGUS NERVE-68:22

POSTERIOR PULMONARY PLEXUS OF THE VAGUS NERVE-68:46

Inferior:

PULMONARY LIGAMENT-38:16

In relation to the right root only:

AZYGOS VEIN-54:53

SUPERIOR VENA CAVA-52:50

In relation to the left root only:

AORTIC ARCH-46:49

DESCENDING AORTA-46:51

b. Structures within the root of each lung

BRONCHIAL ARTERIES-49:53

PULMONARY ARTERY-46:40

RIGHT AND LEFT RAMI-46:41, 42

PULMONARY VEINS-52:37

RIGHT AND LEFT PULMONARY VEINS-52:38, 39

BRONCHUS, RIGHT AND LEFT-37:47

BRONCHIAL RAMI-37:48

EPARTERIAL BRONCHIAL RAMUS-37:49

HYPARTERIAL BRONCHIAL RAMI-37:50

BRONCHIAL LYMPH GLANDS-56:52

4. Phrenic nerve and nerves to the superficial part of the cardiac plexus

PHRENIC NERVE-69:21

PERICARDIAC RAMUS-69:22

PHRENICOABDOMINAL RAMI-69:23

Nerves in relation to the superficial part of the cardiac plexus:

SUPERIOR CARDIAC NERVE-71:59 From the cervical sympathetic.

INFERIOR CARDIAC RAMUS-68:37 From the left vagus nerve.

CARDIAC GANGLION-72:11

5. Thymus-38:31

Usually in a condition of atrophy in the adult, but showing the following structures in the child:

RIGHT AND LEFT LOBES-38:32

CENTRAL TRACT-38:33

LOBULES OF THE THYMUS-38:34

6. Pericardium

STERNOPERICARDIAL LIGAMENTS-45:43

Incisions exposing the pericardial cavity: a) longitudinally through the pericardium from the aorta to the diaphragm;

b) transversely from the middle of the right to the middle of the left root of the lung.

2. Root of lung and related structuresa. Structures in relation to the trachea and left lung

Anterior:
ANTERIOR PULMONARY FLEXUS OF THE VAGUS NERVE-58:55
PHRENIC NERVE-58:51
PERICARDIOPHRENIC ARTERY-58:58

Posterior:
VAGUS NERVE-58:55
POSTERIOR PULMONARY FLEXUS OF THE VAGUS NERVE-58:55

Inferior:
PULMONARY LIGAMENT-58:55
In relation to the right root only:
ACUTE VEIN-58:55
SUPERIOR VENA CAVA-58:55
In relation to the left root only:
ACUTE ARCH-58:55
DESCENDING AORTA-58:51

b. Structures within and root of each lung

Bronchial Arteries-58:55
Pulmonary Artery-58:55
Right and Left Main-58:55, 58
Pulmonary Veins-58:55
Right and Left Pulmonary Veins-58:55, 58
Bronchus, Right and Left-58:55, 58
Bronchial Rami-58:55
Superficial Bronchial Rami-58:55
Inferior Bronchial Rami-58:55
Bronchial Lymph Glands-58:55

3. Phrenic nerve and nerves to the superficial part of the cardiac plexus

PHRENIC NERVE-58:51
PERICARDIAC RAMI-58:55
PHRENICOGASTRIC RAMI-58:55
Nerves in relation to the superficial part of the cardiac plexus:
SUPERIOR CARDIAC NERVE-58:55 From the cervical sympathetic.
INFERIOR CARDIAC NERVE-58:55 From the left vagus nerve.
CARDIAC GANGLION-58:51

4. Thoracic duct

Usually in a condition of atrophy in the adult, but showing the following structure in the child:
RIGHT AND LEFT LUNG-58:55
CENTRAL TRACT-58:55
LOBULES OF THE THYMUS-58:55

5. Esophagus

STERNOMEDIASTINAL LIGAMENT-58:55
Inferior esophagus entering the pericardial cavity: a) longitudinally through the pericardium from the back to the diaphragm;
b) transversely from the middle of the right to the middle of the left root of the lung.

PERICARDIUM-45:41
EPICARDIUM-45:45
PERICARDIAL FLUID-45:42
TRANSVERSE SINUS OF THE PERICARDIUM-45:44

7. Great veins of the thorax and their tributaries

SUPERIOR VENA CAVA-52:50
RIGHT AND LEFT INNOMINATE VEINS-52:51
INFERIOR THYROID VEINS-52:52 Termination only.
THYROIDEA IMA VEIN-52:53
The first five of the following tributaries are small
and usually difficult to demonstrate:
THYMIC VEINS-52:56
PERICARDIAC VEINS-52:57
SUPERIOR PHRENIC VEINS-52:58
ANTERIOR MEDIASTINAL VEINS-52:59
ANTERIOR BRONCHIAL VEINS-52:60
VERTEBRAL VEIN-52:63 Termination only.
INTERNAL MAMMARY VEIN-52:65
HIGHEST INTERCOSTAL VEIN-52:68
AZYGOS VEIN-54:53
INFERIOR VENA CAVA-55:3

8. Heart and aorta

a. Surface anatomy

APEX OF HEART-45:36
STERNOCOSTAL SURFACE-45:34
DIAPHRAGMATIC SURFACE-45:35
RIGHT ATRIUM-46:1
RIGHT AURICLE-46:7
LEFT ATRIUM-46:26
LEFT AURICLE-46:27
RIGHT VENTRICLE-46:13
LEFT VENTRICLE-46:29
CORONARY SULCUS-45:40
ANTERIOR LONGITUDINAL SULCUS-45:38
POSTERIOR LONGITUDINAL SULCUS-45:39
NOTCH AT APEX OF HEART-45:37

b. Nerve and vascular supply

RIGHT CORONARY ARTERY OF THE HEART-46:52
POSTERIOR DESCENDING RAMUS-46:53
LEFT CORONARY ARTERY OF THE HEART-46:54
CIRCUMFLEX RAMUS-46:55
ANTERIOR DESCENDING RAMUS-46:56
CORONARY SINUS-52:41
GREAT CARDIAC VEIN-52:42
POSTERIOR VEIN OF LEFT VENTRICLE-52:43
OBLIQUE VEIN OF LEFT ATRIUM-52:44
MIDDLE CARDIAC VEIN-52:46
SMALL CARDIAC VEIN-52:47
ANTERIOR VEINS OF THE HEART-52:48
SMALLEST VEINS OF THE HEART-52:49
ANTERIOR CORONARY PLEXUS-72:10
POSTERIOR CORONARY PLEXUS-72:12

PERICARDIAL FLUID-45:42
 PERICARDIAL FLUID-45:42
 TRANSVERSE SINUS OF THE PERICARDIUM-45:44

1. Great veins of the thorax and their tributaries

SUPERIOR VENA CAVA-52:50
 RIGHT AND LEFT INNOMINATE VEINS-52:51
 INTERNAL THYROID VEINS-52:52 Termination only
 THYROIDAL LEM VEIN-52:53
 The first five of the following tributaries are small
 and usually difficult to demonstrate:
 THYMIC VEINS-52:55
 PERICARDIAL VEINS-52:57
 SUPERIOR PHRENIC VEINS-52:58
 ANTERIOR MEDIASTINAL VEINS-52:59
 ANTERIOR BRONCHIAL VEINS-52:60
 VERTBRAL VEIN-52:62 Termination only
 INTERNAL MAMMARY VEIN-52:63
 HIGHEST INTERCOSTAL VEIN-52:65
 AZYGOS VEIN-54:55
 INFERIOR VENA CAVA-55:3

2. Heart and aorta

a. Surface anatomy
 APEX OF HEART-45:36
 STERNOCLAVICULAR SURFACE-45:36
 DIAPHRAGMATIC SURFACE-45:37
 RIGHT ATRIUM-46:1
 RIGHT AURICLE-46:7
 LEFT ATRIUM-46:26
 LEFT AURICLE-46:27
 RIGHT VENTRICLE-46:13
 LEFT VENTRICLE-46:23
 CORONARY SULCUS-46:40
 ANTERIOR LONGITUDINAL SULCUS-46:39
 POSTERIOR LONGITUDINAL SULCUS-46:39
 NOTCH AT APEX OF HEART-45:37

b. Nerve and vascular supply
 RIGHT CORONARY ARTERY OF THE HEART-46:52
 POSTERIOR DESCENDING BRANCH-46:53
 LEFT CORONARY ARTERY OF THE HEART-46:54
 CIRCUMFLEX BRANCH-46:55
 ANTERIOR DESCENDING BRANCH-46:56
 CORONARY SINUS-52:51
 GREAT CARDIAC VEIN-52:52
 POSTERIOR VEIN OF LEFT VENTRICLE-52:53
 OBLIQUE VEIN OF LEFT ATRIUM-52:54
 MIDDLE CARDIAC VEIN-52:55
 SMALL CARDIAC VEIN-52:57
 ANTERIOR VEIN OF THE HEART-52:58
 SMALLEST VEIN OF THE HEART-52:59
 ANTERIOR CORONARY BRANCH-52:10
 POSTERIOR CORONARY BRANCH-52:10

c. Cavities of the heart. Pulmonary vesselsRIGHT ATRIUM-46:1

Incisions exposing the cavity of the right atrium:

a) longitudinally from a point just anterior to the superior vena cava, downward and backward to the inferior vena cava; b) from the middle point of the preceding incision obliquely upward to the tip of the right auricle.

EPICARDIUM-45:45

MYOCARDIUM-45:46

ENDOCARDIUM-45:47

SULCUS TERMINALIS OF RIGHT ATRIUM-46:3

CRISTA TERMINALIS-46:4

SINUS VENARUM CARVARUM -46:5

PECTINATE MUSCLES-46:2

INTERVENOUS TUBERCLE-46:8

SEPTUM OF THE ATRIA-45:54

MEMBRANOUS PART-45:55

FOSSA OVALIS-46:10

LIMBUS FOSSAE OVALIS-46:6

VALVE OF THE INFERIOR VENAE CAVA-46:9

VALVE OF THE CORONARY SINUS-46:11

VENOUS ORIFICE-45:56

FORAMINA OF THE SMALLEST CARDIAC VEINS-46:12

RIGHT VENTRICLE-46:13

Incisions exposing the cavity of the right ventricle:

a) from the diaphragmatic surface of the heart upward $\frac{1}{2}$ cm. to the right of and parallel with the anterior longitudinal sulcus to the origin of the pulmonary artery; b) from the upper end of the preceding incision transversely to the right, parallel with and 1 cm. inferior to the coronary sulcus.

CONUS ARTERIOSUS-46:19

SUPRAVENTRICULAR CREST-46:18

VENOUS ORIFICE-45:56

TRICUSPID VALVE-46:14

ANTERIOR CUSP-46:15

POSTERIOR CUSP-46:16

MEDIAL CUSP-46:17

PAPILLARY MUSCLES-45:60

CHORDAE TENDINAE-45:61

TRABECULAE CARNEAE-45:58

PULMONARY ARTERY-46:40

RIGHT AND LEFT RAMUS-46:41, 42

LIGAMENTUM ARTERIOSUM-46:44

DUSTUS ARTERIOSUS^x-46:43

ARTERIAL ORIFICE OF RIGHT VENTRICLE-45:57

SEMILUNAR VALVES OF PULMONARY ARTERY-46:20

ANTERIOR, RIGHT, AND LEFT SEMILUNAR VALVES-46:21, 23

NODULES OF THE SEMILUNAR VALVES-46:24

LUNULAE OF THE SEMILUNAR VALVES-46:25

LEFT ATRIUM-46:26

The cavity and vascular communications of the left atrium are exposed by dividing the inferior vena cava, turning the heart upward and making an incision through the left atrial wall extending from the middle of its posterior margin forward to the tip of the left auricle.

2. Details of the heart. Palmarily vessels

RIGHT ATRIUM

Incisions exposing the cavity of the right atrium:
a) longitudinally from a point just anterior to the superior vena cava, downward and backward to the inferior vena cava; b) from the middle point of the preceding incision obliquely upward to the tip of the right auricle.

EPICARDIUM-45:45

MYOCARDIUM-45:46

ENDOCARDIUM-45:47

SAVING TERMINALS OF RIGHT ATRIUM-45:5

CRISTA TERMINALIS-45:6

SINUS VENARUM CAVARUM-45:7

PERITONEAL MUSCLES-45:8

INTERVENOUS TUBERCLES-45:9

SEPTUM OF THE ATRIUM-45:10

PERICARDIUM PART-45:11

FOSSA OVALIS-45:12

LIMBUS FOSSAE OVALIS-45:13

VALVE OF THE INFERIOR VENA CAVA-45:14

VALVE OF THE CORONARY SINUS-45:15

VENOUS ORIFICE-45:16

PERICARDIUM OF THE SMALLEST CARDIAC VEINS-45:17

RIGHT VENTRICLE-45:18

Incisions exposing the cavity of the right ventricle:
a) from the diaphragmatic surface of the heart upward $\frac{1}{2}$ cm. to the right of and parallel with the anterior longitudinal sulcus to the origin of the pulmonary artery; b) from the upper end of the preceding incision transversely to the right, parallel with and 1 cm. inferior to the coronary sulcus.

CONUS ARTERIOSUS-45:19

OUTER ARTERIAL CREST-45:20

VENOUS ORIFICE-45:21

TRICUSPID VALVE-45:22

ANTERIOR CUP-45:23

POSTERIOR CUP-45:24

MEDIAL CUP-45:25

PAPILLARY MUSCLES-45:26

CHORDAE TENDINEAE-45:27

TRICUSPID CANNULA-45:28

PULMONARY ARTERY-45:29

RIGHT AND LEFT VENTRICLE-45:30

LIGAMENTUM ARTERIOSUM-45:31

DUCTUS ARTERIOSUS-45:32

ARTERIAL ORIFICE OF RIGHT VENTRICLE-45:33

SEMI-LUNAR VALVES OF PULMONARY ARTERY-45:34

ARTERIES, RIGHT AND LEFT SEMI-LUNAR VALVES-45:35

MUSCLES OF THE SEMI-LUNAR VALVES-45:36

LIGAMENT OF THE SEMI-LUNAR VALVES-45:37

LEFT ATRIUM-45:38

The cavity and vascular communication of the left atrium are exposed by dividing the inferior vena cava, turning the heart upward and making an incision through the left atrial wall extending from the middle of the posterior margin forward to the tip of the left auricle.

VALVE OF THE FORAMEN OVALIS-46:28

LEFT VENTRICLE-46:29

Incisions exposing the cavity of the left ventricle:

a) beginning near the coronary sulcus anteriorly and extending parallel and 1 cm. to the left of the anterior longitudinal sulcus to the apex of the heart; b) beginning posteriorly near the coronary sulcus and extending parallel and 1 cm. to the left of the posterior longitudinal sulcus and joining the end of the first incision at the apex of the heart.

TRABECULAE CARNEAE-45:58

PAPILLARY MUSCLES-45:60

CHORDAE TENDINEAE-45:61

VENOUS ORIFICE-45:56

ARTERIAL ORIFICE-45:57

BICUSPID VALVE-46:30

ANTERIOR AND POSTERIOR CUSPS-46:31, 32

VENTRICULAR SEPTUM-45:49

MUSCULAR SEPTUM OF VENTRICLE-45:50

MEMBRANOUS SEPTUM OF VENTRICLE-45:51

d. Aorta and its branches

ASCENDING AORTA-46:46

BULB OF AORTA-46:47

SINUS OF AORTA-46:48

RIGHT AND LEFT CORONARY ARTERIES-46:52, 54

AORTIC ARCH-46:49

ISTHMUS OF AORTA-46:50

INNOMINATE ARTERY-46:57

(THYROIDEA IMA ARTERY)-46:58

COMMON CAROTID ARTERY {LEFT}-46:59

SUBCLAVIAN ARTERY {LEFT}-48:20

DESCENDING AORTA {THORACIC PORTION}-46:51 Origin only.

SEMILUNAR VALVES OF AORTA-46:33

RIGHT, LEFT AND POSTERIOR SEMILUNAR VALVES-46:34-36

NODULES AND LUNULAE OF THE SEMILUNAR VALVES-46:37. 38

e. Myocardium and fibrous rings of the heart

The subsequent structures are exposed to better advantage after the great blood vessels have been divided near their juncture with the heart and the heart removed.

ATRIOVENTRICULAR BUNDLE OF HIS

Demonstrated more favorably in the sheep's heart.

FIBROUS RINGS-45:63

Exposed by removing the atria of the heart.

FIBROUS TRIGONES-45:62

f. Cardiac plexus

For the superficial part of the cardiac plexus, see III:4.

The following nerves entering into the formation of the deep part of the cardiac plexus are exposed by dividing the aortic arch at its junction with the descending aorta and turning aside the aortic arch.

MIDDLE CARDIAC NERVE OF SYMPATHETIC SYSTEM-71:61

INFERIOR CARDIAC NERVE OF SYMPATHETIC SYSTEM-71:64

SUPERIOR CARDIAC NERVES OF VAGUS-68:34

(DEPRESSOR NERVE)-68:35

INFERIOR CARDIAC RAMI OF THE RECURRENT NERVE-68:37

VALVES OF THE FORAMEN OVALIS-45:12

LEFT VENTRICLE-45:17

Incisions exposing the cavity of the left ventricle:
a) beginning near the coronary sulcus anteriorly and extending
and parallel and 1 cm. to the left of the anterior longitudinal
sulcus to the apex of the heart; b) beginning posteriorly near
the coronary sulcus and extending parallel and 1 cm. to the
left of the posterior longitudinal sulcus and joining the
end of the first incision at the apex of the heart.

THYROIDAL GLAND-45:18

PULMONARY ARTERY-45:19

CHORDAE TENDINEAE-45:21

VENOUS ORIFICE-45:22

ARTERIAL ORIFICE-45:27

BICUSPID VALVE-45:30

ANTERIOR AND POSTERIOR CLEFTS-45:31, 32

VENTRICULAR SEPTUM-45:32

MUSCULAR SEPTUM OF VENTRICLE-45:32

MEMBRANOUS SEPTUM OF VENTRICLE-45:32

4. Aorta and its branches

ASCENDING AORTA-45:42

BULB OF AORTA-45:47

SINUS OF AORTA-45:48

RIGHT AND LEFT CORONARY ARTERIES-45:48, 51

AORTIC ARCH-45:49

ISTHMUS OF AORTA-45:50

IMMEDIATE BRANCHES-45:51

(THYROIDAL IM. ARTERY)-45:52

COMMON CAROTID ARTERY (LEFT)-45:52

SUBCLAVIAN ARTERY (LEFT)-45:52

DESCENDING AORTA (THORACIC PORTION)-45:52

SEMILUNAR VALVES OF AORTA-45:52

RIGHT, LEFT AND POSTERIOR SEMILUNAR VALVES-45:54-56

MODERATOR AND CHORDAE OF THE SEMILUNAR VALVES-45:57, 58

a. Inoculating and dividing after the heart

The subpericardial structures are exposed to better advantage after
the great blood vessels have been divided near their junctions
with the heart and the heart removed.

ATRIOVENTRICULAR NODULE OF THE

Demonstrated more favorably in the sheep's heart.

FIBROUS RING-45:59

Exposed by removing the apex of the heart.

FIBROUS TRICUSPID-45:59

1. Lateral plane

For the superficial part of the cardiac glands, see III. 1.
The following notes concerning the formation of the deep part
of the cardiac glands are extracted by dividing the aortic arch at
its junction with the descending aorta and turning aside the
aortic arch.

MIDDLE CARDIAC NERVE OF SYMPATHETIC SYSTEM-45:61

LATERAL CARDIAC NERVE OF SYMPATHETIC SYSTEM-45:61

SUBCLAVIAN CARDIAC NERVE OF SYMPATHETIC SYSTEM-45:61

(LATERAL NERVE)-45:62

LATERAL CARDIAC NERVE OF THE VAGUS-45:62

9. Trachea and Bronchi

BRONCHIAL LYMPH GLANDS-56:52
 TRACHEA-37:41
 BIFURCATION OF THE TRACHEA-37:46
 RIGHT AND LEFT BRONCHI-37:47
 BRONCHOESOPHAGEAL MUSCLE-32:72

10. Posterior mediastinal cavity and structures within it

POSTERIOR MEDIASTINAL CAVITY-38:21
 The following structures are exposed, so far as they are in relation to the posterior mediastinal cavity, by making a longitudinal incision through the posterior wall of the pericardial cavity and reflecting the pericardium.
 VAGUS NERVE-68:32
 RECURRENT NERVE-68:36
 ANTERIOR AND POSTERIOR BRONCHIAL RAMI-68:43, 44
 ANTERIOR AND POSTERIOR PULMONARY PLEXUSES-68:45, 46
 Cf. Thorax, III:3.
 OESOPHAGEAL RAMI-68:47
 ANTERIOR AND POSTERIOR OESOPHAGEAL PLEXUSES-68:48, 49
 THORACIC PART OF OESOPHAGUS-32:68
 THORACIC AORTA-59:51
 VISCERAL RAMI-49:52
 BRONCHIAL ARTERIES-49:53
 OESOPHAGEAL ARTERIES-49:54
 PERICARDIAC RAMI-49:55
 PARIETAL RAMI-49:56
 MEDIASTINAL RAMI-49:57
 SUPERIOR PHRENIC ARTERIES-49:58
 INTERCOSTAL ARTERIES-49:59
 THORACIC DUCT-56:25
 POSTERIOR MEDIASTINAL LYMPH GLANDS-56:54

IV. Thoracic Wall: Posterior Part1. Thoracic part of the sympathetic nervous system

Exposed by removing the parietal pleura from the posterior part of the thoracic wall.
 SYMPATHETIC TRUNK-71:30
 THORACIC GANGLIA-72:2
 RAMI COMMUNICANTES-68:72
 GREAT SPLANCHNIC NERVE-72:3
 SPLANCHNIC GANGLION-72:4
 SMALL SPLANCHNIC NERVE-72:5
 (LOWEST SPLANCHNIC NERVE)-72:7

2. Structures in relation to the internal surface of the posteriorThoracic wall

SUBCOSTAL MUSCLES-25:7 Not constant in degree of development.
 INTERNAL INTERCOSTAL MUSCLES-25:6
 INTERCOSTAL ARTERIES-49:59
 HIGHEST INTERCOSTAL ARTERY-48:63
 INTERCOSTAL NERVES-70:1

9. Trachea and Bronchi

BRONCHIAL Lymph GLANDS-56:50
TRACHEA-57:11
DIVISION OF THE TRACHEA-57:40
RIGHT AND LEFT BRONCHI-57:47
BRONCHOPULMONARY NODULES-57:51

10. Posterior mediastinal cavity and structures within it

POSTERIOR MEDIASTINAL CAVITY-58:21
The following structures are exposed, as far as they are in relation to the posterior mediastinal cavity, by making a longitudinal incision through the posterior wall of the pericardial cavity and reflecting the pericardium.
VAGUS NERVE-58:21
RECURRENT NERVE-58:30
ANTERIOR AND POSTERIOR BRONCHIAL RAMI-58:42, 44
ANTERIOR AND POSTERIOR PULMONARY FLEXURES-58:45, 48
OF TRUNK-58:47
ESOPHAGEAL RAMI-58:47
ANTERIOR AND POSTERIOR ESOPHAGEAL FLEXURES-58:48, 50
THORACIC PART OF ESOPHAGUS-58:50
THORACIC AORTA-59:21
VISCERAL RAMI-59:22
BRONCHIAL ARTERIES-59:23
ESOPHAGEAL ARTERIES-59:24
PERICARDIAL RAMI-59:25
PARITIAL RAMI-59:26
MEDIASTINAL RAMI-59:27
POSTERIOR TRUNKIC ARTERIES-59:28
INTERCOSTAL ARTERIES-59:29
THORACIC DUCT-59:32
POSTERIOR MEDIASTINAL LYMPH GLANDS-59:34

11. Thoracic Wall: Posterior Part

1. Thoracic wall of the sympathetic nervous system
Exposed by removing the pericardial pleura from the posterior part of the thoracic wall.
SYMPATHETIC TRUNK-71:30
THORACIC GANGLIA-71:32
RAMI COMMUNICANTES-71:33
GREAT SYMPATHETIC NERVE-71:34
SMALL SYMPATHETIC NERVE-71:35
LOWEST SYMPATHETIC NERVE-71:37

2. Structures in relation to the internal surface of the posterior thoracic wall

ESOPHAGEAL MUSCLES-72:7 Not constant in degree of development.
INTERNAL INTERCOSTAL MUSCLES-72:10
INTERCOSTAL ARTERIES-72:11
HIGHEST INTERCOSTAL ARTERY-72:12
INTERCOSTAL NERVE-72:13

INTERCOSTAL VEINS-54:56

AZYGOS VEIN-54:53

HEMIAZYGOS VEIN-54:54

The following veins are variable in their relationship and degree of development:

ACCESSORY HEMIAZYGOS VEIN-54:55

OESOPHAGEAL VEINS-54:59

POSTERIOR BRONCHIAL VEINS-54:60

V. Deep Structures of the Back

1. Posterior serrati muscles and the lumbodorsal fascia

For the muscles and related structures external to the posterior serrati muscles, see Superior Extremity, I:3, 4.

For the structures of the back of the neck see Head and Neck, IV:2-4.

SERRATUS POSTERIOR SUPERIOR MUSCLE-23:22

SERRATUS POSTERIOR INFERIOR MUSCLE-23:21

LUMBODORSAL FASCIA-24:5

A longitudinal incision through its posterior layer and a medial displacement of the subjacent sacrospinalis muscle exposes its (anterior or middle) layer. A longitudinal incision through this anterior layer close to its attachment to the tips of the transverse processes and a medial displacement of the lateral margin of the subjacent quadratus lumborum muscle exposes the transversalis fascia.

2. Intrinsic muscles of the back.¹

For the corresponding muscles of the neck see Head and Neck, IV:3.

SACROSPINALIS MUSCLE-23:25

ILIOCOSTALIS MUSCLE-23:26

Demonstrated by successive lateral eversions of its inferior, middle and superior subdivisions, guarding the nerves and vessels emerging between the iliocostalis and the longissimus dorsi muscles.

ILIOCOSTALIS LUMBORUM MUSCLE-23:27

ILIOCOSTALIS DORSI MUSCLE-23:28

ILIOCOSTALIS CERVICIS MUSCLE-23:29 Origin only.

LONGISSIMUS MUSCLE-23:30

LONGISSIMUS DORSI MUSCLE-23:31

LONGISSIMUS CERVICIS MUSCLE-23:32 Origin only.

LONGISSIMUS CAPITIS MUSCLE-23:44 Thoracic origin only.

SPINALIS MUSCLE-23:45

SPINALIS DORSI MUSCLE-23:46

SEMISPINALIS MUSCLE-23:49

Exposed by removing the spinalis dorsi muscle and reflecting the longissimus dorsi muscle laterally.

SEMISPINALIS DORSI MUSCLE-23:50

SEMISPINALIS CERVICIS MUSCLE-23:51 Thoracic portion only.

MULTIFIDUS MUSCLE-23:53

Demonstrated by detaching the semispinalis muscle at its insertion and reflecting it laterally.

¹ Many of the structures indicated in sections 2 to 6 may also be demonstrated as exposed in a cross section of the posterior thoracic wall made at about the level of the fourth thoracic

INTERCOSTAL VEIN-54:55

ARTERY VEIN-54:53

INTERCOSTAL VEIN-54:54

The following veins are visible in their relationship and
degree of development:

ACCOMpanyING INTERCOSTAL VEIN-54:55

OSTIAL VEIN-54:55

POSTERIOR BRONCHIAL VEIN-54:50

V. Deep dissection of the back

1. Posterior external muscles and the subcutaneous tissue

For the muscles and related structures external to the posterior
external muscle, see Chapter 5, p. 13. For the structure of the back see Head and Neck,
IV:2-4.

ERECTOR SPINAE SUPERIOR MUSCLE-54:52

ERECTOR SPINAE INTERIOR MUSCLE-54:51

LEVATOR SCAPULAE-54:50

A longitudinal incision through the posterior layer and a
medial dissection of the erector spinae muscle
exposed the following layers: A longitudinal incision through
the anterior layer also to its attachment to the tip of
the transverse process and a medial dissection of the
lateral margin of the erector spinae muscle
exposed the transversalis fascia.

2. Internal muscles of the back

For the corresponding muscles of the neck see Head and Neck, IV:3.

SCAPULOHUMERAL MUSCLE-54:53

ILIOTRABULAR MUSCLE-54:52

Demonstrated by successive lateral dissections of the
inferior, middle and superior divisions, revealing
the nerve and vessels situated between the ilio-costalis
and the longissimus cervicis muscles.

ILIOTRABULAR MUSCLE-54:52

ILIOTRABULAR MUSCLE-54:52

ILIOTRABULAR MUSCLE-54:52

ILIOTRABULAR MUSCLE-54:52

LONGISSIMUS MUSCLE-54:50

LONGISSIMUS MUSCLE-54:50

LONGISSIMUS MUSCLE-54:50

LONGISSIMUS MUSCLE-54:50

SPINALIS MUSCLE-54:51

SPINALIS MUSCLE-54:51

SPINALIS MUSCLE-54:51

Exposed by removing the spinous process muscle and reflecting
the transverse process muscle laterally.

SPINALIS MUSCLE-54:51

SPINALIS MUSCLE-54:51

SPINALIS MUSCLE-54:51

Demonstrated by detaching the spinous process muscle at its
insertion and reflecting it laterally.

Many of the structures mentioned in sections 3 to 6 may also
be demonstrated as exposed in a deep dissection of the posterior
thoracic wall made at about the level of the fourth thoracic

ROTATORES MUSCLE-23:54

Exposed by removing the multifidus muscle, guarding against injury to thoracic and lumbar nerves and vessels.

ROTATORES LONGI MUSCLE-23:55

ROTATORES BREVES MUSCLES-23:56

The following muscles are not as well developed in the back as in the neck:

INTERSPINALIS MUSCLES-23:57

INTERTRANSVERII MUSCLES-23:58

INTERTRANSVERSARII MEDIALES MUSCLES-23:60

INTERTRANSVERSARII LATERALES MUSCLES-23:59

3. Nerves and blood vessels

POSTERIOR RAMI OF THORACIC NERVES-69:75

LATERAL CUTANEOUS RAMI-69:76

MEDIAL CUTANEOUS RAMI-69:77

POSTERIOR RAMI OF LUMBAR NERVES-70:12

MEDIAL RAMUS-70:13

LATERAL RAMUS-70:14

POSTERIOR RAMI OF SACRAL AND COCCYGEAL NERVES-70:18

POSTERIOR RAMI OF INTERCOSTAL ARTERIES-49:60

MUSCULAR RAMI-49:62

MEDIAL CUTANEOUS RAMI-49:63

LATERAL CUTANEOUS RAMI-49:64

DORSAL RAMI OF THE HIGHEST INTERCOSTAL ARTERY-48:64

DORSAL RAMUS OF LUMBAR ARTERIES-50:10

DORSAL RAMUS OF INTERCOSTAL VEINS-54:57

The lumbar veins also have dorsal tributaries from the back comparable to the dorsal rami of the lumbar arteries.

4. Vertebral canal: blood-vessels and meninges

The contents of the vertebral canal are exposed by cutting through the laminae of the vertebral arches close to the articular processes, dividing the ligamentum flava and removing the posterior wall of the vertebral canal.

LIGAMENTA FLAVA-18:40

SUPRASPINOUS LIGAMENT-18:44

INTERSPINOUS LIGAMENTS-18:43

Arteries supplying the vertebral column:

SPINAL RAMUS OF POSTERIOR RAMI OF INTERCOSTAL ARTERIES-49:61

SPINAL RAMUS OF LUMBAR ARTERIES-50:11

CAVUM EPIDURALE-65:42

DURA MATER SPINALIS-65:40

FILUM DURAE MATRIS SPINALIS-65:41

The following structures are exposed by making a median incision through the dura, guarding against injury to the subjacent arachnoidea.

CAVUM SUBDURALE-65:43

PIA MATER SPINALIS-65:54

ARACHNOIDEA SPINALIS-65:44

CAVUM SUBARACHNOIDEALE-65:46

LIGAMENTUM DENTICULATUM-65:55

Exposed by removing the superficial vessels, guarding against injury to pleural and lymphatic vessels and vessels.
 ROTATORIES LAMINAE MUSCLES-23:12
 ROTATORIES LAMINAE MUSCLES-23:12
 The following muscles are not so well developed in the back as in the neck:
 INTERCOSTAL MUSCLES-23:12
 INTERCOSTAL MUSCLES-23:12
 INTERCOSTAL MUSCLES-23:12
 INTERCOSTAL MUSCLES-23:12

3. Nerve and blood vessels

POSTERIOR RAMP OF THORACIC NERVE-23:12
 LATERAL CUTANEOUS NERVE-23:12
 MEDIAL CUTANEOUS NERVE-23:12
 POSTERIOR RAMP OF LUMBAR NERVE-23:12
 MEDIAL NERVE-23:12
 LATERAL NERVE-23:12
 POSTERIOR RAMP OF SACRAL AND COCCYGEAL NERVE-23:12
 POSTERIOR RAMP OF INTERCOSTAL NERVE-23:12
 MUSCULAR NERVE-23:12
 MEDIAL CUTANEOUS NERVE-23:12
 LATERAL CUTANEOUS NERVE-23:12
 DORSAL RAMP OF THE HIGHEST INTERCOSTAL NERVE-23:12
 DORSAL RAMP OF LUMBAR NERVE-23:12
 DORSAL RAMP OF INTERCOSTAL NERVE-23:12
 The lumbar veins also have dorsal branches from the back comparable to the dorsal part of the thoracic arteries.

4. Vertebral canal, blood vessels and muscles

The contents of the vertebral canal are exposed by cutting through the laminae of the vertebral arches close to the articular processes, dividing the ligamentous flaps and removing the posterior wall of the vertebral canal.
 LIGAMENTA FLAVA-23:12
 SUPERFICIAL LIGAMENT-23:12
 INTERCOSTAL LIGAMENT-23:12
 Arteries supplying the vertebral column:
 SPINAL RAMP OF POSTERIOR RAMP OF INTERCOSTAL ARTERY-23:12
 SPINAL RAMP OF LUMBAR ARTERY-23:12
 CAVAL SPINAL-23:12
 DURA MATER SPINAL-23:12
 ARACHNOID SPINAL-23:12
 The following structures are exposed by making a median incision between the dura, exposing the spinal injury to the subjacent structures.
 CAVAL SPINAL-23:12
 DURA MATER SPINAL-23:12
 ARACHNOID SPINAL-23:12
 CAVAL SPINAL-23:12
 LIGAMENTUM FLAVUM-23:12

5. Spinal cord: nerves, blood vessels and surface anatomy

For the cervical part of the spinal cord see Head and Neck, IX:4.

a. Spinal nerves

THORACIC NERVES-69:74

LUMBAR NERVES-70:10

SACRAL NERVES-70:17

COCCYGEAL NERVES-70:17

CAUDA EQUINA-68:74

ANTERIOR ROOT-68:67

POSTERIOR ROOT-68:68

FILIA RADICULARIA-68:66

SPINAL GANGLION-68:69

ANTERIOR RAMUS-68:70

POSTERIOR RAMUS-68:71

RAMUS MENINGEUS-68:73 Difficult to demonstrate.

In demonstrating the remaining structures of the spinal cord, the spinal nerve trunks are cut, the cord divided transversely at about the level of the first thoracic vertebra, and the cord, and its membranes removed from the vertebral canal.

b. Blood vessels of the spinal cord. Usually difficult to demonstrate.

SPINAL RAMI OF POSTERIOR RAMI OF INTERCOSTAL ARTERIES-49:61

SPINAL RAMI OF LUMBAR ARTERIES-50:11

SPINAL RAMUS OF ILIOLUMBAR ARTERY-50:60

SPINAL RAMI OF LATERAL SACRAL ARTERY-50:63

INTERNAL SPINAL VEINS-55:2

POSTERIOR EXTERNAL SPINAL VEINS-55:1

ANTERIOR EXTERNAL SPINAL VEINS-54:70

INTERVERTEBRAL VEINS-54:69

c. Surface anatomy of the spinal cord

THORACIC PART-58:23

LUMBAR PART-58:24

LUMBAR ENLARGEMENT-58:25

MEDULLARY CONE-58:26

VENTRICULUS TERMINALIS-58:28

FILUM TERMINALE-58:27

ANTERIOR MEDIAN FISSURE-58:29

POSTERIOR MEDIAN SULCUS-58:30

ANTERIOR LATERAL SULCUS-58:31

POSTERIOR LATERAL SULCUS-58:32

POSTERIOR INTERMEDIATE SULCUS-58:33

(ANTERIOR INTERMEDIATE SULCUS)-58:34

FUNCULI OF THE SPINAL CORD-58:45

ANTERIOR FUNICULUS-58:36

LATERAL FUNICULUS-58:37

POSTERIOR FUNICULUS-58:38

6. Spinal cord: internal structure.

Demonstrated by making transverse sections through the spinal cord at various levels, and in some instances requiring the aid of a hand lens.

3. Spinal roots, motor, blood vessels and outflow channels

For the anatomical part of the spinal cord see Head and Neck, IX:1.

a. Spinal nerves

- THORACIC NERVE-68:74
- THORACIC NERVE-70:10
- SACRAL NERVE-70:17
- COCCYGEAL NERVE-70:17
- CAUDA EQUINA-68:74
- ANTERIOR ROOT-68:77
- POSTERIOR ROOT-68:69
- SPINAL RANTHUSARIA-68:68
- SPINAL GANGLION-68:69
- ANTERIOR RANTHUS-68:70
- POSTERIOR RANTHUS-68:71
- RANTHUS INTERMEDIUS-68:73

Difficult to demonstrate

In demonstrating the remaining structures of the spinal cord, the spinal nerve trunks are cut, the cord divided transversely at about the level of the first thoracic vertebra, and the cord and its membranes removed from the vertebral canal.

b. Blood vessels of the spinal cord. Usually difficult to demonstrate.

- SPINAL PART OF POSTERIOR PART OF INTERCOSTAL ARTERY-68:61
- SPINAL PART OF LUMBAR ARTERY-68:61
- SPINAL PART OF ILLIOCRURAL ARTERY-68:62
- SPINAL PART OF LATERAL SACRAL ARTERY-68:63
- INTERNAL SPINAL VEIN-68:63
- POSTERIOR EXTERNAL SPINAL VEIN-68:61
- ANTERIOR EXTERNAL SPINAL VEIN-68:60
- INTERCOSTAL VEIN-68:63

c. Spinal roots of the spinal cord

- THORACIC PART-68:63
- LUMBAR PART-68:64
- LUMBAR NERVE-68:65
- MEDULLARY CORD-68:65
- VENTRICLES OF THE MEDULLA-68:65
- SPINAL TUBER-68:67
- ANTERIOR MEDIAN TUBER-68:67
- POSTERIOR MEDIAN TUBER-68:67
- ANTERIOR LATERAL TUBER-68:67
- POSTERIOR LATERAL TUBER-68:67
- POSTERIOR INTERMEDIATE TUBER-68:67
- ANTERIOR INTERMEDIATE TUBER-68:67
- ROOTS OF THE SPINAL CORD-68:67
- ANTERIOR TUBER-68:67
- LATERAL TUBER-68:67
- POSTERIOR TUBER-68:67

d. Spinal cord, anatomical structure

Demonstrated by opening the spinal canal through the spinal cord at various levels, and in some instances requiring the aid of a hand lens.

a. Gray matter

CENTRAL CANAL-58:40
CENTRAL GRAY MATTER-58:41
ANTERIOR GRAY COMMISSURE-58:43
POSTERIOR COMMISSURE-58:44
GRAY COLUMNS-58:45
 ANTERIOR COLUMN-48:46
 LATERAL COLUMN-58:47
 RETICULAR FORMATION-58:53
 POSTERIOR COLUMN-58:48
 NECK OF POSTERIOR COLUMN-58:49
 APEX OF POSTERIOR COLUMN-58:50
 GELATINOUS SUBSTANCE-58:51

b. White matter

ANTERIOR WHITE COMMISSURE-58:42
ANTERIOR FUNICULUS-58:54
 ANTERIOR CEREBROSPINAL OR PYRAMIDAL FASCICULUS-58:55
LATERAL FUNICULUS-59:2
 LATERAL CEREBROSPINAL OR PYRAMIDAL FASCICULUS-59:3
 CEREBELLOSPINAL FASCICULUS-59:4
POSTERIOR FUNICULUS-59:7
 FASCICULUS GRACILIS-59:8
 FASCICULUS CUNEATUS-59:9

VI. Articulations of the thorax1. Sternocostal articulations-19:25

ARTICULAR CAPSULE-19:26
INTERARTICULAR STERNOCOSTAL LIGAMENT-19:27
RADIATE STERNOCOSTAL LIGAMENTS-19:28
MEMBRANE OF STERNUM-19:29
COSTOXIPHOID LIGAMENTS-19:30
INTERCHONDRAL ARTICULATIONS-19:34

2. Synchondrosis sternalis-7:493. Costovertebral articulations-19:12a. Capitular articulations-19:13

ARTICULAR CAPSULES-19:14
RADIATE LIGAMENT OF HEAD OF RIB-19:15
INTERARTICULAR LIGAMENT OF HEAD OF RIB-19:16

b. Costotransverse articulations-19:17

ARTICULAR CAPSULES-19:18
LIGAMENT OF TUBERCLE OF RIB-19:19
LIGAMENT OF NECK OF RIB-19:20
ANTERIOR COSTOTRANSVERSE LIGAMENT-19:21
POSTERIOR COSTOTRANSVERSE LIGAMENT-19:22
LUMBOCOSTAL LIGAMENT-19:23
COSTOTRANSVERSE FORAMEN-19:24

4. Articulations of the vertebral column

For the ligaments in relation to the vertebral arches, see Thorax, V:4.

ANTERIOR LONGITUDINAL LIGAMENT-18:46

POSTERIOR LONGITUDINAL LIGAMENT-18:47

INTERVERTEBRAL FIBROCARTILAGES-18:37

The following structures may be demonstrated by dividing the thorax at about the level of the fourth thoracic intervertebral disc, and making incisions through the disc:

ANNULUS FIBROSUS-18:38

NUCLEUS PULPOSUS-18:39

4. Articulations of the vertebral column

For the ligaments in relation to the vertebral arches, see Thorax, V:4.

- ANTERIOR LONGITUDINAL LIGAMENT-18:46
- POSTERIOR LONGITUDINAL LIGAMENT-18:47
- INTERVERTEBRAL FIBROCARILLAGES-18:37

The following structures may be demonstrated by dividing the thorax at about the level of the fourth thoracic intervertebral disc, and making incisions through the disc:

- ANNULUS FIBROSUS-18:38
- NUCLEUS PULPOSUS-18:39

I. Structures in Relation to the Scalp and Temporal Region1. General characterization of craniuma. Subdivisions of cranium

CRANIUM-4:7

VERTEX-4:8

Sinciput-4:9

FOREHEAD-4:10

Occiput-4:11

TEMPLES-4:12

EAR-4:13

AURICLES-4:14

b. Regions of head-52:1

FRONTAL REGION-52:2

SUPRAORBITAL REGION-52:3

PARIETAL REGION-52:4

OCCIPITAL REGION-52:5

TEMPORAL REGION-52:6

AURICULAR REGION-52:7

MASTOID REGION-52:8

2. Scalp and its blood vessels and nerves

HEAD AND NECK

a. Frontal region

Incisions for skin reflection: a) median longitudinal from the glabella to the external occipital protuberance; b) frontal over the vertex from the right to the left mastoid processes; c) from a point on the latter incision just above the ear, downward and slightly anteriorly to the root of the zygoma.

SUPRATROCHLEAR NERVE-55:22

SUPRACILIARY NERVE-55:23

FRONTAL ARTERY-55:12

SUPRACILIARY ARTERY-55:5

LACRIMAL VEIN-55:11

b. Temporal region

TEMPORAL BRANCHES OF FACIAL NERVE-57:53

AURICULOTEMPORAL NERVE-57:23

ZYGOAURICULOTEMPORAL BRANCH OF SYMPATHETIC NERVE-55:41

SUPERFICIAL TEMPORAL ARTERY-57:36

FRONTAL SINUS-57:13

PARIETAL SINUS-57:47

SUPERFICIAL TEMPORAL VEIN-54:7

c. Parietal and occipital regions

POSTERIOR AURICULAR NERVE-57:22

OCCIPITAL NERVE-57:52

POSTERIOR BRANCH OF GREAT AURICULAR NERVE^{xx}-59:13

LARGER OCCIPITAL NERVE-59:10

GREAT OCCIPITAL NERVE-59:5

POSTERIOR AURICULAR ARTERY-57:29

OCCIPITAL ARTERY-57:22

HEAD AND NECK

I. Structures in Relation to the Scalp and Temporal Region

1. General characteristics of cranium

a. Subdivisions of cranium

CRANIUM-4:7
 VERTEX-4:8
 SINCIPUT-4:9
 FOREHEAD-4:10
 OCCIPUT-4:11
 TEMPLES-4:12
 EAR-4:13
 AURICLES-4:14

b. Regions of head-82:1

FRONTAL REGION-82:2
SUPRAORBITAL REGION-82:3
PARIETAL REGION-82:4
OCCIPITAL REGION-82:5
TEMPORAL REGION-82:6
AURICULAR REGION-82:7
MASTOID REGION-82:8

2. Scalp and temporal regions: Superficial blood vessels and nerves

a. Frontal region

Incisions for skin reflection: a) median longitudinal from the glabella to the external occipital protuberance; b) frontal over the vertex from the right to the left mastoid processes; c) from a point on the latter incision just above the ear, downward and slightly anteriorly to the root of the zygoma.

SUPRATROCHLEAR NERVE-66:22
SUPRAORBITAL NERVE-66:20
FRONTAL ARTERY-48:12
SUPRAORBITAL ARTERY-48:5
ANGULAR VEIN-53:71

b. Temporal region

TEMPORAL BRANCHES OF FACIAL NERVE-67:58
AURICULOTEMPORAL NERVE-67:16
ZYGOMATICOTEMPORAL BRANCH OF ZYGOMATIC NERVE-66:41
SUPERFICIAL TEMPORAL ARTERY-47:36
 FRONTAL RAMUS-47:42
 PARIETAL RAMUS-47:43
SUPERFICIAL TEMPORAL VEINS-54:7

c. Mastoid and occipital regions

POSTERIOR AURICULAR NERVE-67:52
 OCCIPITAL RAMUS^{xx}-67:33
POSTERIOR RAMUS OF GREAT AURICULAR NERVE^{xx}-69:12
LESSER OCCIPITAL NERVE-69:10
GREAT OCCIPITAL NERVE-69:6
POSTERIOR AURICULAR ARTERY-47:29
OCCIPITAL ARTERY-47:22

I. Structures in Relation to the Skull and Temporal Region1. General characteristics of craniuma. Subdivisions of cranium

CRANIUM-4:7
 VENTER-4:8
 CLINOID-4:9
 FOREHEAD-4:10
 OCCIPUT-4:11
 TEMPLES-4:12
 EAR-4:13
 AURICLES-4:14

b. Regions of head-82:1

THORACIC REGION-82:2
 SUPRACRANIAL REGION-82:3
 PARIAL REGION-82:4
 OCCIPITAL REGION-82:5
 TEMPORAL REGION-82:6
 AURICULAR REGION-82:7
 MASTOID REGION-82:8

2. Skull and temporal regions: Subcutaneous blood vessels and nervesa. Frontal region

Incisions for skin reflection: a) median longitudinal from the glabella to the external occipital protuberance; b) frontal over the vertex from the right to the left mastoid process; c) from a point on the latter incision just above the ear, downward and slightly anteriorly to the root of the zygoma.

SUPRACRANIAL NERVE-82:9
 SUPRACRANIAL NERVE-82:10
 FRONTAL ARTERY-48:12
 SUPRACRANIAL ARTERY-48:13
 ANGULAR VEIN-22:11

b. Temporal region

TEMPORAL BRANCHES OF FACIAL NERVE-47:22
 AURICULOTEMPORAL NERVE-47:18
 ZYGOMATOTEMPORAL BRANCH OF ZYGOMATIC NERVE-66:14
 SUPERFICIAL TEMPORAL ARTERY-47:23
 FRONTAL RAMUS-47:24
 PARIAL RAMUS-47:25
 SUPERFICIAL TEMPORAL VEIN-47:26

c. Mastoid and occipital regions

POSTERIOR ANGULAR NERVE-47:27
 OCCIPITAL NERVE-47:28
 POSTERIOR BRANCH OF GREAT AURICULAR NERVE-47:29
 LATERAL OCCIPITAL NERVE-47:30
 GREAT OCCIPITAL NERVE-47:31
 POSTERIOR ANGULAR ARTERY-47:32

POSTERIOR AURICULAR VEIN-54:21
OCCIPITAL VEIN-54:20

3. Scalp: Deeper structures

a. Muscles

EPICRANIUS MUSCLE-24:8
FRONTAL MUSCLE-24:9
PROCRUS MUSCLE-24:11
OCCIPITALIS MUSCLE-24:10
AURICULARIS ANTERIOR MUSCLE-24:20
AURICULARIS SUPERIOR MUSCLE-24:21
AURICULARIS POSTERIOR MUSCLE-24:22
GALEA APONEUROTICA-24:42
PERICRANIUM-12:16

Exposed by dividing the galea aponeurotica by two incisions, about 4 cm. in length, intersecting each other at right angles at the vertex and reflecting the flaps, identifying at the same time the loose areolar connective tissue external to it.

b. Lymphatics

OCCIPITAL LUMPH GLANDS-56:35
POSTERIOR AURICULAR GLANDS-56:36
ANTERIOR AURICULAR GLANDS-56:37

4. Auricle or external ear

LOBULE OF THE AURICLE-78:33
TRAGUS-78:46
INCISURA INTERTRAGICA-78:49
INCISURA ANTERIOR-78:48
CONCHA OF AURICLE-78:43
CYMBA OF CONCHA-78:44
CAVITY OF CONCHA-78:45

HELIX-78:35
CRUS HELICIS^{xx}-78:36
SPINA HELICIS^{xx}-78:37
CAUDA HELICIS^{xx}-78:38
ANTHELIX-78:39
CH. ANTHELICIS^{xx}-78:41

FOSSA TRIANGULARIS^{xx}-78:40
(Tuberculum auriculæ)^{xx}-78:50
FOSSA ANTHELIX^{xx}-78:59
EMINENTIA CONCHAE^{xx}-78:60
EMINENTIA SCAPHAEE^{xx}-78:61
EMINENTIA FOSSAE TRIANGULARIS^{xx}-78:62

The muscles and ligaments of the external ear-78:67-74- are exposed by removing the skin from the auricle.

II. Intracranial structures in relation to the brain and cranial wall

1. Structures exposed by the removal of the calvaria

The calvaria may be removed by: a) making a median longitudinal incision through the galea aponeurotica and pericranium, extending from the glabella to the external occipital protuberance, and reflecting the two flaps laterally to the level of the temporal lines;

POSTERIOR AURICULAR VEIN-24:11
OCCIPITAL VEIN-24:10

3. Superior Vascular System:

PERICAROTID-12:16
CAROTID APOPHYSIS-24:42
AURICULARIS POSTERIOR MUSCLE-24:12
AURICULARIS SUPERIOR MUSCLE-24:21
AURICULARIS ANTERIOR MUSCLE-24:20
OCCIPITALIS MUSCLE-24:10
FRONTAL MUSCLE-24:11
FRONTAL SINUS-24:12
INTRACRANIAL SINUS-24:12

Exposed by dividing the skin approximately by two incisions, about 4 cm. in length, intersecting each other at right angles at the vertex and following the shape, identifying as the same time the loose areolar connective tissue external to it.

4. Internal:

ANTERIOR AURICULAR GLAND-24:17
POSTERIOR AURICULAR GLAND-24:16
OCCIPITAL LAMP-24:15

5. Articulation of External:

FORAMEN OF THE AURICLE-18:12
TYPANUS-18:12
TYPANUS INTERTYPANICA-18:12
TYPANUS ANTERIOR-18:12
CORPUS OF AURICLE-18:12
CHINA OF CORPUS-18:12
CAVITY OF CORPUS-18:12

HELIX-18:12
CONCHA HELICIS-18:12
TYPANUS HELICIS-18:12
TYPANUS HELICIS-18:12
ANTHELIUM-18:12
CONCHA ANTHELIUM-18:12
FORAMEN TRIANGULARE-18:12
(TYPANUS ANTHELIUM) XX-18:12
FORAMEN ANTHELIUM-18:12
EMMENTIA CONCHA-18:12
EMMENTIA CONCHA-18:12
EMMENTIA CONCHA TRIANGULARE-18:12

The muscles and ligaments of the external ear-18:12-18:12 are exposed by removing the skin from the outside.

II. Internal structures in relation to the head and neck:

1. Superior structures exposed by the removal of the skin:

The external ear is removed by (a) making a median incision, extending forward to the external acoustic meatus, and (b) making a lateral incision, extending from the glabella to the external acoustic meatus, and (c) making a transverse incision, extending from the lateral acoustic meatus to the lateral acoustic meatus.

b) detaching the temporal muscle and temporal fascia from the bone and completing the reflection of the galea aponeurotica, pericranium, temporal fascia and muscle downward to the level of the ears; d) with a saw making a cut along the largest horizontal circumference of the cranium passing just superior to the glabella anteriorly and a little above the external occipital protuberance posteriorly, sawing through the outer table of the skull only; e) with a mallet and chisel splitting the inner table of the bone along the line of the preceding cut, inserting a hook into the cut in front and forcibly wrenching off the skull cap.

DURA MATER OF THE BRAIN-65:33

MIDDLE MENINGEAL ARTERY-47:50

ARACHNOIDAL GRANULATIONS-65:53

The following structures are exposed: a) by making two sagittal incisions through the dura mater, one on each side of the superior sagittal sinus, along its entire length anteriorly and posteriorly; b) from the middle of each of the preceding incisions, cutting lateralward through the dura mater down to the cut margins of the skull and reflecting the four flaps of the dura mater.

SUBDURAL CAVE-65:43

ARACHNOID OF THE BRAIN-65:45

PIA MATER OF THE BRAIN-65:67

VENAE CEREBRI-53:41

SUPERIOR SAGITTAL SINUS-53:19

Its interior may be exposed by an incision extending throughout its entire length.

FALX CEREBRI-65:34

2. Structures exposed by the removal of the brain

a. Roots of cerebral nerves

As preliminary to the removal of the brain the roots of the cerebral nerves may be exposed by: a) detaching the falx cerebri from the crista galli and pulling it backward; b) raising the frontal lobes of the brain from the floor of the cranium (facilitated by letting the head hang backward over a head block) and detaching the olfactory bulbs from the lamina cribrosa of the ethmoid bone and thus at the same time severing the olfactory nerves; c) dividing (preferably with a scissors) the optic nerves, internal carotid arteries, infundibulum, oculomotor nerves and the trochlear nerves (the latter being found in relation to the free margin of the tentorium cerebelli); d) exposing the tentorium from the middle cranial fossae, dividing the tentorium along its attachment to the superior angle of the temporal bone on each side; and e) identifying and dividing in succession the following cerebral nerves:

TRIGEMINAL NERVE-66:11

ABDUCENT NERVE-67:46

FACIAL NERVE-67:47

ACOUSTIC NERVE-67:65

GLOSSOPHARYNGEAL NERVE-68:8

VAGUS NERVE-68:22

ACCESSORY NERVE-68:57

HYPOGLOSSAL NERVE-68:60

[illegible]

the following specimens are exposed: a) by making two vertical incisions through the thin water, one on each side of the upper for vertical slices, along the entire length horizontally and posteriorly; b) from the middle of each of the preceding levels, cutting laterally through the thin water down to the outer margin of the shell and reflecting the two lips of the thin water.

The Director may be exposed by an incident extending throughout the entire length.

THE CENTRAL-22:02

SUBMARINE ACTIVITIES 22:02:19

VENUE (CENTRAL-22:02)

KTA HATER OF THE SHAIN-22:07

DRAWING OF THE SHAIN-22:08

SUBMARINE-22:08

2. Structures examined by the National Bureau of Standards

James M. Smith, Jr.

As previously at the removal of the brain the roots of the
detached nerves may be exposed by (a) detaching the latex covering
from the central bulb and pulling it back; (b) cutting the
transverse fibres of the brain from the floor of the ventricle
(illustrated by detaching the head from the brain over a lead block)
and detaching the accessory bulbs from the lateral surface of
the central bulb and then at the same time severing the accessory
nerves; (c) detaching (protruding) the central bulb and
internal cerebral arteries, the latter being exposed by the
removal of the lateral bulb (the latter being found in relation to the
lateral bulb of the ventricle) (d) exposing the ventral
root from the middle cerebral artery, detaching the ventral bulb
and detaching it to the superior angle of the central bulb in
each side, and (e) detaching the bulb and detaching the

[illegible]

f) The detachment of the brain may then be completed by dividing the vertebral arteries and spinal cord just below the level of the foramen magnum and removing the organ.

Note: A second method for the removal of the brain which may be adopted at stage (d) in the above procedure is to displace the temporal lobes of the cerebrum, dividing the midbrain, removing the cerebrum and studying the structures thus exposed within the base of the cranium. Next dividing the tentorium along its attached border, studying the exposed surface of the cerebellum and then proceeding as in stages (e) and (f). The former method is the one usually adopted in an autopsy; the latter method is perhaps more instructive although it does not leave the brain intact.

b. General structural characteristics of the exposed base of the cranium and related dura mater.

The following structures may be identified by inspection:

ANTERIOR, MIDDLE AND POSTERIOR CRANIAL FOSSAE-12:29-31

CRISTA GALLI-10:38

SMALL WING OF THE SPHENOID BONE-8:41

ANTERIOR CLINOID PROCESS-8:44

OPHTHALMIC ARTERY-47:70

POSTERIOR CLINOID PROCESS-8:31

DIAPHRAGM SELLAE-65:37

CISTERNA INTERPEDUNCULARIS-65:51

FALX CEREBELLUM-65:36

GREAT CEREBRAL VEINS-53:48

BASILAR VEIN-53:51

The foramina transmitting the cerebral nerves may be demonstrated in a skeletal preparation of the skull.

c. Sinuses of the dura mater-53:13

In opening and demonstrating the following sinuses, the dura should be left in situ in the floor of the cranium.

TRANSVERSE SINUS-53:14

CONFLUENCE OF THE SINUSES-53:15

OCCIPITAL SINUS-53:17

SUPERIOR SAGITTAL SINUS-53:19

INFERIOR SAGITTAL SINUS-53:20

STRAIGHT SINUS-53:21

INFERIOR PETROSAL SINUS-53:22

SUPERIOR PETROSAL SINUS-53:23

CAVERNOUS SINUS-53:24 Its walls and contents should be left intact.

ANTERIOR AND POSTERIOR INTERCAVERNOUS SINUSES-53:25-26

CIRCULAR SINUS-53:28

SPHENOPARIETAL SINUS-53:28

BASILAR PLEXUS-53:18

DIPLOIC VEINS-53:34-37

EMISSARY VEINS-53:34-37

d. Arteries

The cut ends of the following arteries may be identified by inspection of the floor of the cranium and the base of the brain, and their osseous relations in the cranium demonstrated in a skeletal preparation of the skull.

(1) The detachment of the brain may then be completed by dividing the vertebral arteries and spinal cord just below the level of the foramen magnum and removing the organ.

Note: A second method for the removal of the brain which may be adopted at stage (4) in the above procedure is to detach the temporal lobes of the cerebrum, dividing the midbrain, removing the cerebellum and studying the structures thus exposed within the base of the cranium. Next dividing the posterior olivary and attached pons, removing the exposed surface of the cerebellum and then proceeding as in stages (5) and (6). The former method is the one usually adopted in an autopsy; the latter method is perhaps more instructive although it does not leave the brain intact.

General anatomical considerations of the exposed base of the cranium and related structures.

The following structures may be identified by inspection:

ANTERIOR, MIDDLE AND POSTERIOR CRANIAL FORAMEN-32:31

CRISTA GALLI-30:32

SMALL VINE OF THE SPHENOID BONE-8:41

ANTERIOR CLINOID PROCESS-8:44

OPTIC CHIASM-43:30

POSTERIOR CLINOID PROCESS-8:41

DIAPHRAGM SELAR-43:31

CYSTERNUM INTERPONSILLARE-43:31

PAIR CEREBELLUM-43:34

DEEP CEREBELLAR VINE-33:46

BASELAR VINE-33:31

The following structures representing the cerebral nerves may be demonstrated in a careful preparation of the skull.

1. Contents of the four ventricles.

In opening and demonstrating the following structures, the dura should be left in situ in the floor of the cranium.

TRANSVERSE VENTRICLE-33:14

CONVEXITY OF THE VENTRICLE-33:13

OCCIPITAL VENTRICLE-33:17

ANTERIOR CAUDATE VENTRICLE-33:13

INTERNAL CAUDATE VENTRICLE-33:13

STRAIGHT VENTRICLE-33:11

INTERNAL PONSAL VENTRICLE-43:32

SUPERIOR PONSAL VENTRICLE-43:32

CAVERNOSUS VENTRICLE-33:24 The walls and contents should be left intact.

ANTERIOR AND POSTERIOR INTERCAVERNOSUS VENTRICLE-33:24:25

CIRCULAR VENTRICLE-33:24

SPHENOIDAL VENTRICLE-33:28

BASELAR VENTRICLE-33:15

VERMIC VENTRICLE-33:32

EMBRYARY VENTRICLE-33:25-26

2. Arteries.

The out ends of the following arteries may be identified by inspection of the floor of the cranial cavity and the base of the brain and their course relations to the structures demonstrated in a

INTERNAL CAROTID ARTERY-47:68

VERTEBRAL ARTERY-48:21

MIDDLE MENINGEAL ARTERY-47:50

e. Hypophysis-62:30

Isolated for study by detaching the diaphragma sellae and removing the hypophysis from the sella turcica.

ANTERIOR AND POSTERIOR LOBES-62:31, 32

The relations of its lobes may be further examined by dividing the hypophysis in the sagittal plane.

To retain the structure in the floor of the cranium for later study the cranial cavity may be filled with tow or gauze soaked with preservative fluid, the calvarium replaced and the scalp flaps stitched in position over it.

III. Structures in the lateral and anterior regions of the neck1. Surface anatomy

HYOID BONE-12:10

GREATER CORNUA-12:13

LARYNGEAL PROMINENCE-36:19

THYROID CARTILAGE-36:21

CRICOID CARTILAGE-36:35

TRACHEA-37:41

CAROTID TUBERCLE OF THE 6th CERVICAL VERTEBRA-6:42

JUGULAR NOTCH-7:54

CLAVICLE-13:59

MANDIBLE-11:60 Its inferior margin.

MASTOID PROCESS-8:78

STERNOCLEIDOMASTOID MUSCLE-24:55

2. Regions of the neck

ANTERIOR REGIONS OF THE NECK-82:24

SUBMENTAL REGION-82:25

HYOID REGION-82:26

SUBHYOID REGION-82:27

LARYNGEAL REGION-82:28

THYROID REGION-82:29

SUPRASTERNAL REGION-82:30

JUGULAR FOSSA-82:31

SUBMAXILLARY REGION-82:32

CAROTID FOSSA-82:33

STERNOCLEIDOMASTOID REGION-82:34

LESSER SUPRACLAVICULAR FOSSA-82:35

LATERAL REGIONS OF THE NECK-82:36

LARGER SUPRACLAVICULAR FOSSA-82:37

OMOCLAVICULAR TRIANGLE-82:38

POSTERIOR REGIONS OF THE NECK-82:39

NUCHAL REGION-82:40

3. Superficial fascia, platysma, veins and cutaneous nerves

Incisions for skin reflection: a) in the middle line from the chin to the manubrium; b) from the middle of the superior margin of the manubrium obliquely upward and backward along the sternocleid-

mastoid muscle to the mastoid process; c) from the middle of the superior margin of the manubrium laterally along the clavicle to the acromion.

SUPERFICIAL FASCIA-23:36

PLATYSMA MUSCLE-24:54

The following structures are exposed by reflecting the platysma upward:

EXTERNAL JUGULAR VEIN-54:19

POSTERIOR AURICULAR VEIN-54:21

ANTERIOR JUGULAR VEIN-54:22

SUPERFICIAL CERVICAL LYMPH GLANDS-56:41

LESSER OCCIPITAL NERVE-69:10

GREAT AURICULAR NERVE-69:11

CUTANEOUS NERVE OF THE NECK-69:14

SUPERIOR RAMI-69:15

INFERIOR RAMI-69:16

SUPRACLAVICULAR NERVES-69:17

ANTERIOR SUPRACLAVICULAR NERVES-69:18

MIDDLE SUPRACLAVICULAR NERVES-69:19

POSTERIOR SUPRACLAVICULAR NERVES-69:20

CERVICAL BRANCH OF THE FACIAL NERVE-67:62

4. Cervical fascia and sternocleidomastoid muscle

CERVICAL FASCIA-24:70

The various subdivisions and certain deeper relations of the fascia can as yet not be completely exposed. In the region of the sternum the superficial or investing layer of the cervical fascia divides into two layers and encloses a suprasternal space (sometimes called the space of Burns) which may be exposed by making a transverse incision through the fascia immediately above the sternum and a second incision about 2 cm. in length along the anterior border of each sternocleidomastoid muscle, reflecting the fascial flap upwards and demonstrating the areolar tissue, content of the space and the lower parts of the anterior jugular veins and their anastomoses.

STERNOCLEIDOMASTOID MUSCLE-24:55

5. Posterior triangle of the neck.

The following contents of the posterior triangle of the neck are exposed by carefully removing the cervical fascia, noting its relations to the omohyoid muscle and the chain of deep cervical lymph glands along the posterior margin of the sternocleidomastoid muscle and confining the dissection to the triangle and its two subdivisions.

a. Occipital triangle

OCCIPITAL ARTERY-47:22

TRANSVERSE CERVICAL ARTERY-48:67

OCCIPITAL VEIN-54:20

TRANSVERSE CERVICAL VEINS-54:28

SUPRACLAVICULAR NERVES-69:17-20

ACCESSORY NERVE-68:57

MUSCULAR RAMI OF THE CERVICAL NERVES TO THE TRAPEZIUS AND LEVATOR SCAPULAE MUSCLES.

SUPERIOR DEEP CERVICAL LYMPH GLANDS-56:42

b. Supraclavicular triangle

This triangle has also been designated the subclavius triangle.

Cf. omoclavicular trigone-82:38.

INFERIOR BELLY OF THE OMOHYOID MUSCLE-24:59

PREVERTEBRAL FASCIA-24:71

The following structures are exposed by removing the prevertebral fascia.

TRANSVERSE CERVICAL ARTERY-48:67

TRANSVERSE SCAPULAR ARTERY-48:60 Slightly inferior to the level of the triangle, strictly speaking.

SUBCLAVIAN ARTERY-48:20 Its third part.

EXTERNAL JUGULAR VEIN-54:19

ANTERIOR JUGULAR VEIN-54:22

TRANSVERSE CERVICAL VEINS-54:28

TRANSVERSE SCAPULAR VEIN-54:25

SUBCLAVIAN VEIN-54:26 Slightly inferior to the level of the triangle, strictly speaking.

INFERIOR DEEP CERVICAL LYMPH GLANDS-56:43

c. Supraclavicular part of the brachial plexus-69:25

POSTERIOR THORACIC NERVES-69:26

DORSAL SCAPULAR NERVE-69:27

LONG THORACIC NERVE-69:28

ANTERIOR THORACIC NERVES-69:29

SUBCLAVIAN NERVE-69:30

SUPRASCAPULAR NERVE-69:31

THORACODORSAL NERVE-69:33

AXILLARY NERVE-69:34

d. Muscles in floor of posterior triangle

SPLENDIUS CAPITIS MUSCLE-23:24

LEVATOR SCAPULAE MUSCLE-23:20

SCALENUS MEDIUS MUSCLE-24:67

SCALENUS POSTERIOR MUSCLE-24:68

6. Anterior triangle

The following structures should be dissected with reference to both their continuity throughout the anterior triangle as a whole as well as their relations to its three subdivisions (the submaxillary, carotid and muscular triangles), removing at the same time the cervical fascia but guarding against injury to nerves.

a. Submaxillary or digastric triangle

The following structures may be identified with very little if any dissection:

SUBMAXILLARY LYMPH GLANDS-56:38

SUBMAXILLARY GLAND-31:11

EXTERNAL MAXILLARY ARTERY-47:13

SUBMENTAL ARTERY^{xx}-47:16

MYLOHYOID RAMUS OF THE INTERNAL MAXILLARY ARTERY^{xx}-47:48

ANTERIOR FACIAL VEIN-53:70

LINGUAL VEIN^{xx}-53:6

HYPOGLOSSAL NERVE-68:60

MYLOHYOID NERVE-67:32

MYLOHYOID MUSCLE-24:51

HYOGLOSSUS MUSCLE-32:3

By making a short vertical slit in the hyoglossus muscle between the hypoglossal nerve and the tendon of the digastric muscle the lingual artery may be exposed at a point where it is frequently ligated.

b. Carotid triangle

COMMON CAROTID ARTERY-46:59

In determining the relations of the carotid artery to the carotid sheath of the cervical fascia it will be observed that throughout the greater part of their course the structures within the carotid sheath together with cervical part of the sympathetic nerve trunk are strictly speaking internal to the sternocleidomastoid muscle rather than within the carotid triangle, and that their exposure consequently involves a lateral retraction of this muscle.

EXTERNAL CAROTID ARTERY-46:60

SUPERIOR THYROID ARTERY-46:61

HYOID RAMUS-46:62

STERNOCLEIDOMASTOID RAMUS-46:63

SUPERIOR LARYNGEAL ARTERY-46:64

LINGUAL ARTERY-47:8

EXTERNAL MAXILLARY ARTERY-47:13

STERNOCLEIDOMASTOID ARTERY-47:21

OCCIPITAL ARTERY-47:22

ASCENDING PHARYNGEAL ARTERY-47:4

INTERNAL CAROTID ARTERY-47:68

INTERNAL JUGULAR VEIN-52:69

LINGUAL VEIN-53:6

(SUPERIOR THYROID VEINS)-53:10

COMMON FACIAL VEIN-53:69

ANTERIOR FACIAL VEIN-53:70

POSTERIOR FACIAL VEIN-54:6

HYPOGLOSSAL NERVE-68:60

DESCENDING RAMUS-68:61

ANSA HYPOGLOSSI-68:62

THYREOHYOID RAMUS-68:63

ACCESSORY NERVE-68:57 Its external ramus-68:59

VAGUS NERVE-68:22

SUPERIOR LARYNGEAL NERVE-68:30

EXTERNAL RAMUS-68:31

INTERNAL RAMUS-68:32

CERVICAL PART OF THE SYMPATHETIC TRUNK-71:34

SUPERIOR CERVICAL GANGLION-71:35

EXTERNAL CAROTID NERVES-71:45

EXTERNAL CAROTID PLEXUS-71:46

SUPERIOR DEEP CERVICAL LYMPH GLANDS-56:42

LARYNX-36:18 Identified without dissection.

PHARYNX-32:29 Identified without dissection.

GLOMUS CAROTICUM-38:30

c. Muscular triangle

STERNOHYOID MUSCLE-24:56

STERNOTHYROID MUSCLE-24:60

NERVES TO THE STERNOTHYROID AND STERNOHYOID MUSCLES

EXTERNAL RAMUS OF THE SUPERIOR LARYNGEAL NERVE-68:31

RECURRENT NERVE-68:36

The following structures are identified without dissection:

By making a short vertical slit in the hyoglossus muscle between the hypoglossal nerve and the tendon of the digastric muscle the lingual artery may be exposed at a point where it is frequently ligated.

d. Carotid triangle

COMMON CAROTID ARTERY-46:52
In determining the relations of the carotid artery to the carotid sheath of the cervical fascia it will be observed that throughout the greater part of their course the structures within the carotid sheath together with cervical part of the sympathetic nerve trunk are strictly speaking internal to the sternocleidomastoid muscle rather than within the carotid triangle, and that their exposure consequently involves a lateral retraction of this muscle.

EXTERNAL CAROTID ARTERY-46:60
SUPERIOR THYROID ARTERY-46:61
HYOID RAMUS-46:63
STERNOCLEIDOMASTOID RAMUS-46:63
SUPERIOR LARYNGEAL ARTERY-46:64
LINGUAL ARTERY-47:8
EXTERNAL MAXILLARY ARTERY-47:13
STERNOCLEIDOMASTOID ARTERY-47:21
OCCIPITAL ARTERY-47:23
ASCENDING PHARYNGEAL ARTERY-47:4
INTERNAL CAROTID ARTERY-47:58
INTERNAL JUGULAR VEIN-52:69
LINGUAL VEIN-53:6
(SUPERIOR THYROID VEIN)-53:10
COMMON FACIAL VEIN-53:69
ANTERIOR FACIAL VEIN-53:70
POSTERIOR FACIAL VEIN-54:6
HYPOGLOSSAL NERVE-58:60
DESCENDING RAMUS-58:61
ANSAL HYPOGLOSSAL-58:62
THYRONOID RAMUS-58:63
ACCESSORY NERVE-58:57 Its external ramus-58:59
VAGUS NERVE-58:62
SUPERIOR LARYNGEAL NERVE-58:60
EXTERNAL RAMUS-58:61
INTERNAL RAMUS-58:62
CERVICAL PART OF THE SYMPATHETIC TRUNK-VI:34
SUPERIOR CERVICAL GANGLION-VI:35
EXTERNAL CAROTID NERVE-VI:45
EXTERNAL CAROTID PLEXUS-VI:46
SUPERIOR DEEP CERVICAL LYMPH CLAVES-56:48
LARYNX-56:18 Identified without dissection.
PHARYNX-56:22 Identified without dissection.
GLORUS CAROTICUS-56:30

e. Muscular triangle

STERNOTHYROID MUSCLE-54:66
STERNOTHYROID MUSCLE-54:66
NERVES TO THE STERNOTHYROID AND STERNOHYOID MUSCLES
EXTERNAL RAMUS OF THE SUPERIOR LARYNGEAL NERVE-58:61
RECURRENT NERVE-58:56
The following structures are identified without dissection:

LARYNX-36:18
TRACHEA-37:41
THYROID GLAND-38:22
OESOPHAGUS-32:66

7. Structures in relation to the anterior median line of the neck

Note the relations of the following structures to the muscular triangle with very little, if any, dissection:

a. Suprahypoid region

PLATYSMA MUSCLE-24:54 Already exposed, III:3.

SUPERFICIAL FASCIA-23:36

ANTERIOR AND POSTERIOR BELLIES OF THE DIGASTRIC MUSCLES-24:48, 49.

The submental triangle and its contents are situated between them.

MYLOHYOID MUSCLES-24:51 Separated by a raphe.

b. Infrahypoid region

HYOTHYROID MEMBRANE-36:34

THYROID CARTILAGE-36:21

CRICOTHYROID LIGAMENT-36:45

CRICOID CARTILAGE-36:35

CRICOTHYROID MUSCLES-36:78

TRACHEA-37:41

ISTHMUS OF THYROID GLAND-38:23

(PYRAMIDAL LOBE OF THYROID GLAND)-38:24

INFERIOR THYROID VEINS-52:52

8. Muscles of the neck: second and third layers

DIGASTRIC MUSCLE-24:47

STYLOHYOID MUSCLE-24:50

OMOHYOID MUSCLE-24:57

STERNOHYOID MUSCLE-24:56

STERNOTHYROID MUSCLE-24:60

THYROHYOID MUSCLE-24:61

9. Sternoclavicular articulation-19:52

Exposed by dividing the sternal and clavicular heads of the sternocleidomastoid muscle and reflecting the muscle toward its insertion.

STERNOCLAVICULAR LIGAMENT-19:55

INTERCLAVICULAR LIGAMENT-19:57

COSTOCLAVICULAR LIGAMENT-19:56

ARTICULAR CAPSULE-19:53

ARTICULAR DISC-19:54

10. Root of the neck

a. Muscles

ANTERIOR SCALENE MUSCLE-24:66

MIDDLE SCALENE MUSCLE-24:67

POSTERIOR SCALENE MUSCLE-24:68

b. Blood vessels and lymphatics

Many of the following structures have already been partly exposed in preceding dissections and are here relisted with more especial

1. General description of the material and the method of the work
The material of the following experiments is the material
which was used in the work, it may be different.

2. General description of the material and the method of the work
The material of the following experiments is the material
which was used in the work, it may be different.

3. General description of the material and the method of the work
The material of the following experiments is the material
which was used in the work, it may be different.

4. General description of the material and the method of the work
The material of the following experiments is the material
which was used in the work, it may be different.

38

5. General description of the material and the method of the work
The material of the following experiments is the material
which was used in the work, it may be different.

6. General description of the material and the method of the work
The material of the following experiments is the material
which was used in the work, it may be different.

7. General description of the material and the method of the work
The material of the following experiments is the material
which was used in the work, it may be different.

8. General description of the material and the method of the work
The material of the following experiments is the material
which was used in the work, it may be different.

9. General description of the material and the method of the work
The material of the following experiments is the material
which was used in the work, it may be different.

10. General description of the material and the method of the work
The material of the following experiments is the material
which was used in the work, it may be different.

11. General description of the material and the method of the work
The material of the following experiments is the material
which was used in the work, it may be different.

reference to their relations to the root of the neck.

SUBCLAVIAN ARTERY-48:20

VERTEBRAL ARTERY-48:21

INTERNAL MAMMARY ARTERY-48:34

THYREOCERVICAL TRUNK-48:48

INFERIOR THYREOID ARTERY-49:49

ASCENDING CERVICAL ARTERY-48:55

SUPERFICIAL CERVICAL ARTERY-48:59

TRANSVERSE SCAPULAR ARTERY-48:60

COSTOCERVICAL TRUNK-48:62

HIGHEST INTERCOSTAL ARTERY-48:63

DEEP CERVICAL ARTERY-48:66

TRANSVERSE CERVICAL ARTERY-48:67

RIGHT AND LEFT INNOMINATE VEINS-52:51

INFERIOR THYREOID VEINS-52:52

INFERIOR LARYNGEAL VEIN-52:55

LOWEST THYREOID VEIN-52:53

UNPAIRED THYREOID PLEXUS-52:54

VERTEBRAL VEIN-52:63

DEEP CERVICAL VEIN^{xx}-52:64

INTERNAL JUGULAR VEIN-52:69

INFERIOR BULB OF THE JUGULAR VEIN-52:70

SUBCLAVIAN VEIN-54:26

THORACOACROMIAL VEIN-54:27

TRANSVERSE CERVICAL VEINS-54:28

THORACIC DUCT-56:25

RIGHT LYMPHATIC DUCT-56:24

c. Nerves

PHRENIC NERVE-69:21

VAGUS NERVE-68:22

CERVICAL SYMPATHETIC TRUNK-71:34 Its lower part.

MIDDLE CERVICAL GANGLION-71:60

INFERIOR CERVICAL GANGLION-71:62

SUPERIOR CARDIAC NERVE-71:59

MIDDLE CARDIAC NERVE-71:61

INFERIOR CARDIAC NERVE-71:64

ANSA SUBCLAVIA-71:63

d. Remaining structures at the root of neck

Structures identified without dissection.

SUMMIT OF PLEURA-38:5

TRACHEA-37:41

OESOPHAGUS-32:66

11. Cervical plexus and viscera of the neck

CERVICAL PLEXUS-69:9

The following organs should be left in situ for later reference:

THYROID GLAND-38:22

ISTHMUS-38:23

(PYRAMIDAL LOBE)-38:24

RIGHT AND LEFT LOBES-38:25

(ACCESSORY THYROID GLANDS)-38:28. Also designated parathyroid glands.

TRACHEA-37:41

TRACHEAL CARTILAGES-37:42
 MEMBRANOUS WALL-37:44
 CERVICAL PART OF OESOPHAGUS-32:67

IV. Back of the head and neck

1. Regions of the back of the head and neck

PARIETAL REGION-82:4
 OCCIPITAL REGION-82:5
 POSTERIOR REGION OF THE NECK-82:39
 NUCHAL REGION-82:40
 FOVEA NUCHAE-83:1

2. Fascia, superficial nerves and vessels

Incisions for skin reflection: a) from the external occipital protuberance to the spine of the vertebra prominens; b) from the spine of the vertebra prominens laterally on each side to the medial border of the acromion; c) from the external occipital protuberance laterally on each side for about 5 cm.

SUPERFICIAL FASCIA-23:36
 GREAT OCCIPITAL NERVE-69:6
 SMALL OCCIPITAL NERVE-69:10
 OCCIPITAL VEIN-54:20
 (THIRD OCCIPITAL NERVE)-69:7
 POSTERIOR RAMI OF CERVICAL NERVES IV-VIII-69:2
 POSTERIOR RAMUS OF GREAT AURICULAR NERVE-69:12

The following structures may be exposed in the suboccipital triangle:

FIRST CERVICAL NERVE-69:1
 VERTEBRAL ARTERY-48:21 Its third part.

3. Muscles in relation to the back of the neck

TRAPEZIUS MUSCLE-23:15 Its cervical part only.
 LEVATOR SCAPULAE MUSCLE-23:20

Exposed by dividing the trapezius muscle at its origin from the superior nuchal line and external occipital protuberance, and cutting through the muscle about 1 cm. from the cervical vertebral spines and reflecting the cervical part of the muscle laterally, guarding against injury to underlying structures.

The following structures are either internal to the levator scapulae muscle or in relation to the superior margin of the scapula.

DESCENDING RAMUS OF THE TRANSVERSE CERVICAL ARTERY-48:69
 DORSAL SCAPULAR NERVE-69:27
 INFERIOR BELLY OF OMOHYOID MUSCLE-24:59
 TRANSVERSE SCAPULAR ARTERY-48:60
 SUPRASCAPULAR NERVE-69:31

RHOMBOIDEUS MINOR MUSCLE-23:19 Its origin only.

In demonstrating the following structures the rhomboideus minor muscle should be detached at its origin and reflected laterally.

FASCIA NUCHAE-24:6
 LIGAMENTUM NUCHAE-18:45
 SERRATUS POSTERIOR SUPERIOR MUSCLE-23:22

INTERNAL CAROTID-23:43
VERTEBRAL ARTERY-23:44
ARTERIAL PART OF CAROTID-23:45

IV. Back of the head and neck

I. Borders of the back of the head and neck

PARIETAL REGION-23:46
OCCIPITAL REGION-23:47
POSTERIOR BORDERS OF THE NECK-23:48
NATURAL DIVISION-23:49
FOUR DIVISIONS-23:50

2. Fascia, superficial nerves and vessels

Incisions for skin reflection: a) from the external occipital protuberance to the spine of the vertebra prominens; b) from the spine of the vertebra prominens laterally on each side to the medial border of the occiput; c) from the external occipital protuberance laterally on each side for about 2 cm.

SUPERFICIAL FASCIA-23:51
GREAT OCCIPITAL NERVE-23:52
SMALL OCCIPITAL NERVE-23:53
OCCIPITAL VEIN-23:54
(THIRD OCCIPITAL NERVE)-23:55

POSTERIOR RAMP OF CERVICAL NERVE IV-VII-23:56
POSTERIOR RAMP OF GREAT CERVICAL NERVE-23:57

The following structures may be exposed in the suboccipital triangle:

VERTEBRAL ARTERY-23:58
VERTEBRAL VEIN-23:59
VERTEBRAL NERVE-23:60

3. Muscles in relation to the back of the head

TRAPPEZIUS MUSCLE-23:61
LEVATOR SCAPULAE MUSCLE-23:62

Exposed by dividing the trapezius muscle at its origin from the superior nuchal line and external occipital protuberance and cutting through the muscle about 1 cm. from the cervical vertebrae and reflecting the cervical part of the muscle laterally, founding a deep injury to underlying structures.

The following structures are either internal to the levator scapulae muscle or in relation to the superior margin of the muscle.

DESCENDING BRANCH OF THE TRANSVERSE CERVICAL ARTERY-23:63
CERVICAL BRANCH OF THE TRANSVERSE CERVICAL ARTERY-23:64
TRANSVERSE CERVICAL ARTERY-23:65
TRANSVERSE CERVICAL VEIN-23:66
TRANSVERSE CERVICAL NERVE-23:67

It demonstrates the following structures and the following muscles should be detached at the origin and reflected laterally.

LEVATOR SCAPULAE-23:68
TRAPPEZIUS-23:69
TRAPPEZIUS-23:70

In demonstrating the following two muscles the serratus posterior superior muscle should be detached at its origin and reflected laterally.

SPLenius CAPITIS MUSCLE-23:24

SPLenius CERVICIS MUSCLE-23:23

The following muscles are exposed by dividing the attachments of the splenius capitis and splenius cervicis muscles close to the spines of the vertebrae and reflecting the muscles.

ILIOCOSTALIS CERVICIS MUSCLE-23:29

LONGISSIMUS CAPITIS MUSCLE-23:44

SPINALIS CERVICIS MUSCLE-23:47

SPINALIS CAPITIS MUSCLE-23:48

In demonstrating the following two muscles the longissimus capitis should be detached at its origin and reflected toward its insertion.

SEMISPINALIS CERVICIS MUSCLE-23:51

SEMISPINALIS CAPITIS MUSCLE-23:52

MULTIFIDUS MUSCLE-23:53

Exposed by detaching the semispinalis capitis muscle from the transverse processes of the cervical vertebrae and reflecting the muscle toward its insertion. Guard the vessels and nerves internal to the muscle.

ROTATERES MUSCLES-23:54

Exposed by removing the multifidus muscle.

ROTATERES LONGI MUSCLES-23:56

ROTATERES BREVES MUSCLES-23:57

INTERSPINALES MUSCLES-23:58

RECTUS CAPITIS POSTERIOR MAJOR MUSCLE-23:64

RECTUS CAPITIS POSTERIOR MINOR MUSCLE-24:1

OBLIQUUS CAPITIS SUPERIOR MUSCLE-24:3

OBLIQUUS CAPITIS INFERIOR MUSCLE-24:4

The following structures are in relation to the suboccipital space or triangle formed by rectus capitis posterior major and the oblique capitis superior and inferior muscles.

SUBOCCIPITAL NERVE-69:5. Its posterior ramus.

VERTEBRAL ARTERY-48:21. Its third part only.

POSTERIOR ARCH OF ATLAS-6:59

4. Deeper blood vessels and nerves of the back of the neck

For the more superficial vessels and nerves see I:2c.

OCCIPITAL ARTERY-47:22

MUSCULAR RAMI^{xx}-47:25

RAMUS DESCENDENS^{xx}-47:26

MASTOID RAMUS^{xx}-47:23

AURICULAR RAMUS^{xx}-47:24

OCCIPITAL RAMI^{xx}-47:28

ASCENDING CERVICAL ARTERY-48:55

DEEP CERVICAL ARTERY-48:66

OCCIPITAL VEIN-54:20

MASTOID EMISSARY VEIN-53:35

DEEP CERVICAL VEIN-52:64

POSTERIOR RAMI OF CERVICAL NERVES-69:2

MEDIAL RAMI-69:3

LATERAL RAMI-69:4

In demonstrating the following two muscles the nervous portion superior muscle should be detached at its origin and reflected laterally.

SPINALIS CAPITIS MUSCLE-23:24

SPINALIS CERVICIS MUSCLE-23:25

The following muscles are exposed by dividing the attachments of the spinous process and spinous process certain muscles close to the spine of the vertebra and reflecting the muscles.

ILIOSTERNAL CERVICIS MUSCLE-23:26

LONGUS CERVICIS MUSCLE-23:27

SPINALIS CERVICIS MUSCLE-23:28

SPINALIS CAPITIS MUSCLE-23:29

In demonstrating the following two muscles the longus cervicis should be detached at its origin and reflected toward the insertion.

SEMI-SPINALIS CERVICIS MUSCLE-23:30

SEMI-SPINALIS CAPITIS MUSCLE-23:31

MULTI-SPINALIS MUSCLE-23:32

Exposed by detaching the semispinalis capitis muscle from the transverse processes of the cervical vertebrae and reflecting the muscle toward its insertion. Guard the vessels and nerve internal to the muscle.

ROTATOR MUSCLE-23:33

Exposed by removing the superficial muscles.

ROTATOR LATERAL MUSCLE-23:34

ROTATOR MEDIAL MUSCLE-23:35

INTERSPINALIS MUSCLE-23:36

RECTUS CAPITIS POSTERIOR MAJOR MUSCLE-23:37

RECTUS CAPITIS POSTERIOR MINOR MUSCLE-23:38

OBLIQUUS CAPITIS SUPERIOR MUSCLE-23:39

OBLIQUUS CAPITIS INFERIOR MUSCLE-23:40

The following structures are in relation to the suboccipital space or triangle formed by the spinous process major and the oblique capitis superior and inferior muscles.

SUBOCCIPITAL NERVE-23:41 The posterior ramus.

VERTEBRAL ARTERY-23:42 The third part only.

POSTERIOR ARCH OF ATLAS-23:43

4. Deeper blood vessels and nerves of the back of the neck. For the more superficial vessels and nerves see 1:50.

OCCIPITAL ARTERY-23:44

MUSCULAR NERVE-23:45

PHARYNX-23:46

PHARYNX-23:47

ADRIANUS PHARYNX-23:48

OCCIPITAL VEIN-23:49

ASCENDING CERVICAL ARTERY-23:50

DEEP CERVICAL ARTERY-23:51

OCCIPITAL VEIN-23:52

PHARYNX-23:53

DEEP CERVICAL VEIN-23:54

POSTERIOR ARCH OF CERVICAL VERTEBRA-23:55

PHARYNX-23:56

LATERAL NERVE-23:57

V. Face and frontal region of the head1. Surface anatomy

GLABELLA-10:21
 SUPRAORBITAL MARGIN OF FRONTAL BONE-10:9
 INFRAORBITAL MARGIN OF MAXILLARY BONE-10:74
 ZYGOMATIC ARCH-12:40
 TEMPORAL FOSSA-12:39
 RAMUS OF THE MANDIBLE-11:72
 BODY OF THE MANDIBLE-11:61
 FOSSA RETROMANDIBULARIS-82:22
 NOSE-4:23
 DORSUM-4:24
 APEX-4:25
 ALA-4:26
 SEPTUM-35:39
 NARES-35:37
 MOUTH-4:27
 SUPERIOR AND INFERIOR LIPS-4:30, 31
 RIMA ORIS-4:32
 ANGLE OF THE MOUTH-30:38
 NASOLABIAL SULCUS-4:28
 CHEEK-4:36
 CHIN-4:38
 MENTOLABIAL SULCUS-4:37
 EYE-4:16
 SUPERIOR AND INFERIOR EYELIDS-4:17, 18, 75:12, 13
 RIMA PALPEBRARUM-4:19, 75:16
 MEDIAL AND LATERAL PALPEBRAL COMMISSURES-75:17, 18
 ANGULUS OCULI MEDIALIS AND LATERALIS-75:19, 20
 BULBUS OCULI-4:20
 INFRAPALPEBRAL SULCUS-4:22
 SUPERCILIUM-4:21
 ANTERIOR AND POSTERIOR PALPEBRAL SURFACES-75:15, 15
 ANTERIOR AND POSTERIOR PALPEBRAL MARGINS-75:21, 22
 TARSAL GLANDS-75:27 Their openings only.
 SEBUM PALPEBRALE-75:28
 TUNICA CONJUNCTIVE PALPEBRARUM-75:35
 TUNICA CONJUNCTIVE OCULI-75:34
 FORNIX CONJUNCTIVE SUPERIOR AND INFERIOR-75:36, 37
 LACUS LACRIMALIS-75:47
 CARUNCULA LACRIMALIS-75:33
 PLICA SEMILUNARES CONJUNCTIVAE-75:32
 PAPILLA LACRIMALIS-75:50
 PUNCTA LACRIMALIA-75:48
 DUCTUS LACRIMALES-75:49

2. Regions of the face-82:9-21

NASAL REGION-82:10
 ORAL REGION-82:11
 SUPERIOR AND INFERIOR LABIAL REGIONS-82:16, 17
 MENTAL REGION-82:14
 ORBITAL REGION-82:15
 SUPERIOR AND INFERIOR PALPEBRAL REGIONS-82:16, 17.
 INFRAORBITAL REGION-82:18

V. Face and frontal view of the head1. Surface anatomy

GLABELLA-10:31
 SUPRACILIAC MARGIN OF FRONTAL BONE-10:32
 INFRACILIAC MARGIN OF MAXILLARY BONE-10:32
 ZYGOMATIC ARCH-12:40
 TEMPORAL FORAMEN-12:42
 RAMUS OF THE MANDIBLE-11:47
 BODY OF THE MANDIBLE-11:41
 FOSSA RETROMANDIBULARIS-12:43
 NOSE-4:33
 DORSUM-4:34
 ALA-4:35
 ALA-4:35
 SEPTUM-32:32
 VARIETY-32:32
 MOUTH-4:37
 SUPERIOR AND INFERIOR LIPS-4:38, 31
 RIM OF LIPS-4:38
 ANGLE OF THE MOUTH-30:38
 LABIAL MUCOSA-4:38
 CHEEK-4:38
 CHIN-4:38
 RETROLABIAL SULCUS-4:37
 EYE-4:40
 SUPERIOR AND INFERIOR EYELIDS-4:41, 48, 48:41, 48
 RIM PALPEBRARUM-4:41, 48:41
 MEDIAL AND LATERAL PALPEBRAL COMMISSURES-48:41, 48
 ANGULUS OCULI MEDIALIS AND LATERALIS-48:41, 48
 BULBUS OCULI-4:40
 INTRAPALPEBRAL SULCUS-4:42
 SUPERCILIUM-4:42
 ANTERIOR AND POSTERIOR PALPEBRAL SUTURE-48:42, 48
 ANTERIOR AND POSTERIOR PALPEBRAL MARGIN-48:42, 48
 TARSAL GLAND-48:42, 48
 Tarsal glands only
 SERUM PALPEBRARUM-48:42
 TUNICA CONJUNCTIVA PALPEBRARUM-48:42
 TUNICA CONJUNCTIVA OCULI-48:42
 FORNIX CONJUNCTIVA SUPERIOR AND INFERIOR-48:42, 48
 LACUS LACRIMALIS-48:42
 CARUNCULA LACRIMALIS-48:42
 Plica SEMILUNARIS CONJUNCTIVA-48:42
 PAPILLA LACRIMALIS-48:42
 PUNCTA LACRIMALIA-48:42
 DUCTUS LACRIMALIS-48:42

2. Regions of the face-32:32, 31

NASAL REGION-32:32
 ORAL REGION-32:31
 SUPERIOR AND INFERIOR LABIAL REGIONS-32:31, 31
 MENTAL REGION-32:31
 ORBITAL REGION-32:31
 SUPERIOR AND INFERIOR PALPEBRAL REGIONS-32:31, 31

INFRAORBITAL REGION-82:20
BUCCAL REGION-82:19
ZYGOMATIC REGION-82:20
PATROTIDEOMASSETERIC REGION-82:21
RETROMANDIBULAR FOSSA-82:22

3. Fascia and parotid gland

Incisions for skin reflection: a) median longitudinal from the forehead to the tip of the chin; b) from the anterior median line transversely at the level of the rima palpebrarum, encircling the eye, and extending posteriorly to the ear; c) transversely from the angle of the mouth to the posterior border of the ramus of the mandible.

PAROTID GLAND-31:13

Exposed by removing the parotideomasseteric fascia.

RETROMANDIBULAR PROCESS-31:14

ACCESSORY PAROTID GLAND-31:15

PAROTID DUCT-31:16

4. Superficial nerves of the face

ANTERIOR RAMUS OF THE GREAT AURICULAR NERVE^{xx}-69:13

Branches of the facial nerve:

Exposed by carefully removing the parotid gland, a part at a time. The exit of the facial nerve from the stylomastoid foramen is exposed by cutting away (with saw and chisel) the free projecting part of the mastoid process, guarding against injury to the posterior auricular nerve.

PAROTID PLEXUS-67:57

TEMPORAL RAMI-67:58

ZYGOMATIC RAMI-67:59

BUCCAL RAMI-67:60

MARGINAL MANDIBULAR RAMUS-67:61

DIGASTRIC RAMUS-67:54

STYLOHYOID RAMUS-67:55

Branches of the ophthalmic division of the trigeminal nerve:

SUPRAORBITAL NERVE-66:20

FRONTAL RAMUS-66:21 Of the frontal nerve

SUPRATROCHLEAR NERVE-66:22

ANTERIOR NASAL RAMI OF THE NASOCILIARY NERVE^{xx}-66:28

SUPERIOR AND INFERIOR PALPEBRAL RAMI OF THE INFRATROCHLEAR NERVE^{xx}-66:34, 35

Branches of the maxillary division of the trigeminal nerve:

ZYGOMATICOTEMPORAL RAMUS OF THE ZYGOMATIC NERVE-66:41

ZYGOMATICOFACIAL RAMUS OF THE ZYGOMATIC NERVE-66:42

INFERIOR PALPEBRAL RAMI OF THE INFRAORBITAL NERVE-66:52

EXTERNAL NASAL RAMI OF THE INFRAORBITAL NERVE-66:53

SUPERIOR LABIAL RAMI OF THE INFRAORBITAL NERVE-66:55

Branches of the mandibular division of the trigeminal nerve:

BUCCINATOR NERVE-67:13

May be identified at this stage of the dissection through its anastomoses with the facial nerve.

AURICULOTEMPORAL NERVE-67:14

MENTAL NERVE-67:33

INTRACRANIAL NERVE-25:10
NUCUL NERVE-25:12
SYMPTOMATIC NERVE-25:10
PATENTOCEREBRAL NERVE-25:12
RETROCRANIAL NERVE-25:10

2. ... and ...

Indication for main collection: a) median longitudinal from the
lateral to the tip of the chin; b) from the anterior median
line transversely at the level of the first pharyngeal arch, anterior
line the eye, and extending posteriorly to the ear; c) trans-
versely from the angle of the mouth to the posterior border of
the mass of the mandible.
PAROTID GLAND-25:12
Exposed by removing the parathyroid gland. Exposed.
RETROCRANIAL NERVE-25:12
ACCESSORY PAROTID GLAND-25:12
PAROTID DUCT-25:12

3. ... superficial nerves of the face

ANTERIOR RAMP OF THE GREAT NUCLEAR NERVE-25:12
Branches of the facial nerve:
Exposed by carefully removing the parotid gland, a part of
a time. The exit of the facial nerve from the stylomastoid
foramen is exposed by cutting away (with saw and chisel) the
first projecting part of the mastoid process, guarding
against injury to the posterior auricular nerve.
PAROTID PLEXUS-25:12
TRIGEMAL NERVE-25:12
SYMPTOMATIC NERVE-25:12
NUCUL NERVE-25:12
RETROCRANIAL NERVE-25:12
STYLOMASTOID NERVE-25:12
Branches of the sympathetic division of the trigeminal nerve:
SUBARACHNOID NERVE-25:12
TRIGEMAL NERVE-25:12 of the facial nerve
RETROCRANIAL NERVE-25:12
LATERAL NERVE OF THE NUCLEAR NERVE-25:12
ANTERIOR AND POSTERIOR FACIAL NERVE OF THE INTRACRANIAL
NERVE-25:12
Branches of the maxillary division of the trigeminal nerve:
SYMPTOMATIC NERVE OF THE SYMPTOMATIC NERVE-25:12
SYMPTOMATIC NERVE OF THE SYMPTOMATIC NERVE-25:12
ANTERIOR FACIAL NERVE OF THE SYMPTOMATIC NERVE-25:12
POSTERIOR FACIAL NERVE OF THE SYMPTOMATIC NERVE-25:12
STYLOMASTOID NERVE OF THE SYMPTOMATIC NERVE-25:12
Branches of the mandibular division of the trigeminal nerve:
SUBARACHNOID NERVE-25:12
May be identified as such some of the division
through its connection with the facial nerve.
RETROCRANIAL NERVE-25:12
NUCUL NERVE-25:12

5. Superficial blood vessels of the face

Branches of the external carotid artery:

SUPERFICIAL TEMPORAL ARTERY-47:36

PAROTID RAMI-47:37

TRANSVERSE ARTERY OF FACE-47:38

ANTERIOR AURICULAR RAMI-47:39

ZYGOMATICOOBITAL ARTERY-47:40

MIDDLE TEMPORAL ARTERY-47:41

INTERNAL MAXILLARY ARTERY-47:44 Its origin only.

EXTERNAL MAXILLARY ARTERY-47:13

INFERIOR LABIAL ARTERY-47:18

SUPERIOR LABIAL ARTERY-47:19

ANGULAR ARTERY-47:20

POSTERIOR FACIAL VEIN AND ITS TRIBUTARIES-54:6-9, 13, 14

ANTERIOR FACIAL VEIN AND ITS TRIBUTARIES-53:70-77, 54:1-5

6. Muscles of the face and front of head

PLATYSMA MUSCLE-24:54

FRONTALIS MUSCLE-24:9

PRO CERUS MUSCLE-24:11

ORBICULARIS OCULI MUSCLE-24:16

PARS PALPEBRALIS-24:17

PARS ORIBTALIS-24:18

PARS LACRIMALIS-24:19

NASALIS MUSCLE-24:12

PARS TRANSVERSA-24:13

PARS ALARIS-24:14

DEPRESSOR SEPTI NASI MUSCLE-24:15

ORBICULARIS ORIS MUSCLE-24:23

QUADRATUS LABII SUPERIORIS MUSCLE-24:28

CAPUT ZYGOMATICUM-24:29

CAPUT INFRAORBITALE-24:30

CAPUT ANGULARE-24:31

ZYGOMATIC MUSCLE-24:27

RISORIIUS MUSCLE-24:26

TRIANGULARIS MUSCLE-24:24

QUADRATUS LABII INFERIORIS MUSCLE-24:32

CANINUS MUSCLE-24:33

BUCCINATOR MUSCLE-24:34

BUCCOPHARYNGEAL FASCIA-24:43

INCISIVI LABII SUPERIORIS AND INFERIORIS MUSCLES-24:35, 36

VI. Structures in relation to the temporal and infratemporal fossae1. Fascia, muscles and vessels

TEMPORAL FASCIA-24:45

ZYGOMATIC AND TEMPORAL RAMI OF THE FACIAL NERVE-67:59, 58

ZYGOMATICOFACIAL AND ZYGOMATICOTEMPORAL RAMI OF THE ZYGOMATIC NERVE-66:42, 41

MIDDLE TEMPORAL ARTERY-47:41

MASSETER MUSCLE-24:38

The following nerve and artery may be exposed as they pass through the mandibular notch by detaching the temporal fascia from the

zygomatic arch, with a saw and bone forceps dividing the zygomatic arch immediately anterior and posterior to the origin of the masseter muscle (the anterior saw-cut being made obliquely downward and anteriorly connecting the anterior ends of the superior and inferior margins of the arch), and carefully reflecting the detached segment of the zygomatic arch and masseter muscle (the dissection may be complicated by a union of the masseter and temporal muscles).

MASSETER NERVE-67:9

MASSETERIC ARTERY-47:54

TEMPORAL MUSCLE-24:39

Exposed by dividing the masseteric nerve and artery and completing the reflection of the masseter muscle toward its insertion.

The deeper structures of the temporal fossa are demonstrated by removing the coronoid process of the mandible by a cut extending from the middle of the incisura mandibulae downward and anteriorly to the junction of the ramus with the body of the mandible (making the incision partially with a saw and completing the division with a bone forceps), reflecting the coronoid process and the attached temporal muscle upward (guarding at the same time against cutting the buccinator nerve), and with the handle of a scalpel detaching the deeper portion of the temporal muscle at its origin.

ANTERIOR AND POSTERIOR DEEP TEMPORAL NERVES-67:11, 12

ANTERIOR AND POSTERIOR DEEP TEMPORAL ARTERIES^{xx}-47:56, 55

MEDIAN TEMPORAL ARTERY-47:41

ZYGOMATICOTEMPORAL BRANCH OF THE ZYGOMATIC NERVE^{xx}-66:41

The following structures in the infratemporal fossa are more fully exposed by removing a segment of the ramus of the mandible. To this end two incisions may be made, one through the neck of the condyloid process of the mandible and a second transversely through the ramus of the mandible immediately superior to the level of the mandibular foramen (locating the level of the foramen by inserting the hand of a scalpel between the ramus and the subjacent structures and carrying it downwards until its progress is arrested by the vessels and nerves entering the foramen). In the case of both incisions the cut should be made through the lateral table of the bone with a saw and the incision completed with a bone forceps; the isolated segment of the mandibular ramus is removed and the subjacent nerves, vessels and muscles exposed.

EXTERNAL PTERYGOID MUSCLE-24:40

INTERNAL PTERYGOID MUSCLE-24:41

BUCCINATOR MUSCLE-24:34

BUCCOPHARYNGEAL FASCIA-24:43

PTERYGOMANDIBULAR RAPHE-32:52

INTERNAL MAXILLARY ARTERY-47:44^{xx} Its first and second parts

DEEP AURICULAR ARTERY^{xx}-47:45 Its origin only.

ANTERIOR TYMPANIC ARTERY^{xx}-47:46 Its origin only

INFERIOR ALVEOLAR ARTERY-47:47

MYLOHYOID RAMUS-47:48

MIDDLE MENINGEAL ARTERY-47:50

(ACCESSORY MENINGEAL RAMUS)-47:51

MASSETERIC ARTERY-47:54

POSTERIOR AND ANTERIOR DEEP TEMPORAL ARTERY -47:55, 56

systemic area with a few long groups dividing the systemic area immediately anterior and posterior to the origin of the maxillary artery (the maxillary artery being made obliquely downward and anteriorly connecting the anterior ends of the superior and inferior maxilla of the nose), and carefully reflecting the maxillary artery of the systemic area and maxillary artery (the maxillary artery may be complicated by a union of the maxillary and maxillary arteries).

MAXILLARY ARTERY-47:10

MAXILLARY ARTERY-47:10

MAXILLARY ARTERY-47:10

Expected by dividing the maxillary nerve and artery and completing the reflection of the maxillary muscle toward the maxilla.

The deeper structures of the temporal fossa are demonstrated by removing the coronoid process of the mandible by a cut extending from the middle of the maxillary mandibular downward and anteriorly to the junction of the ramus with the body of the mandible (cutting the maxillary artery with a saw and separating the maxilla with a bone forceps), reflecting the coronoid process and the maxillary maxillary muscle upward (pointing at the ramus of the maxilla against the maxillary nerve), and with the maxilla of a scalpel dissecting the deeper portion of the temporal muscle at its origin.

ANTERIOR AND POSTERIOR DEEP TEMPORAL NERVE-47:11

ANTERIOR AND POSTERIOR DEEP TEMPORAL NERVE-47:11

MAXILLARY TEMPORAL ARTERY-47:11

SYNCRONIZING NERVE OF THE SYNOCRATIC NERVE-47:11

The following structures in the inferior temporal fossa are more fully exposed by removing a segment of the ramus of the mandible to this end the maxilla may be made, and through the neck of the coronoid process of the mandible and a second synovial joint through the ramus of the mandible immediately superior to the level of the mandibular condyle (dissecting the level of the ramus by separating the head of a scalpel between the ramus and the maxillary condyle and carrying it downward until the process is situated by the maxilla and nerve entering the foramen). In the case of both incisions the cut should be made through the lateral angle of the bone with a saw and the incision completed with a bone forceps; the isolated segment of the mandibular ramus is removed and the maxillary nerve, vessels and maxilla exposed.

EXTERNAL TEMPORAL NERVE-47:10

INTERNAL TEMPORAL NERVE-47:11

MAXILLARY NERVE-47:11

MAXILLARY NERVE-47:11

MAXILLARY NERVE-47:11

INTERNAL MAXILLARY ARTERY-47:11 The first and second parts

ONLY ANTERIOR MAXILLARY ARTERY-47:11 The entire only

ANTERIOR MAXILLARY ARTERY-47:11 The entire only

ANTERIOR MAXILLARY ARTERY-47:11

MAXILLARY NERVE-47:11

MAXILLARY NERVE-47:11

MAXILLARY NERVE-47:11

MAXILLARY NERVE-47:11

PTERYGOID RAMI^{xx}-47:57

BUCCINATOR ARTERY^{xx}-47:58

POSTERIOR SUPERIOR ALVEOLAR ARTERY-47:59

The following tributaries of the posterior facial vein are seldom well enough preserved to be satisfactorily demonstrated by dissection:

ARTICULAR MANDIBULAR VEINS^{xx}-54:10

STYLOMASTOID VEIN^{xx}-54:12

PTERYGOID PLEXUS-54:13

TRANSVERSE FACIAL VEIN^{xx}-54:13

2. Mandibular articulation-19:35

ARTICULAR CAPSULE-19:36

TEMPORAMANDIBULAR LIGAMENT-19:38

SPHENOMANDIBULAR LIGAMENT-19:39

STYLOMANDIBULAR LIGAMENT-19:40

ARTICULAR DISC-19:37

Exposed by removing the temporomandibular ligament.

3. Nerves

The demonstration of the following nerves is completed by disarticulating the condyloid process and reflecting it together with the external pterygoid muscle anteriorly, guarding at the same time against cutting the auriculotemporal nerve.

MANDIBULAR NERVE-67:6

SPINOSUS NERVE-67:7

MASTICATOR NERVE-67:8

MASSETERIC NERVE-67:8

ANTERIOR AND POSTERIOR DEEP TEMPORAL NERVES-67:11, 12

BUCCINATOR NERVE-67:13

EXTERNAL PTERYGOID NERVE-67:14

INTERNAL PTERYGOID NERVE-67:15

AURICULOTEMPORAL NERVE-67:16

NERVE OF THE EXTERNAL AUDITORY MEATUS^{xx}-67:17

RAMUS TO THE TYMPANIC MEMBRANE^{xx}-67:18

LINGUAL NERVE-67:23

INFERIOR ALVEOLAR NERVE-67:32

MYLOHYOID NERVE-67:32

CHORDA TYMPANI-67:64

4. Mandibular canal-12:3

Exposed by removing (by means of a saw, chisel and bone forceps) the outer compact layer of the mandible.

INFERIOR ALVEOLAR ARTERY-47:47

MYLOHYOID RAMUS-47:48

MENTAL ARTERY-47:49

INFERIOR ALVEOLAR NERVE-67:28

INFERIOR DENTAL PLEXUS-67:29

INFERIOR DENTAL RAMI-67:29

INFERIOR GINGIVAL RAMI-67:31

MYLOHYOID NERVE-67:32

MENTAL NERVE-67:33

MENTAL RAMI-67:33

MENTAL RAMI-67:34

INFERIOR LABIAL RAMI-67:35

PTERYGOID FANT-47:57
 BUCCINATOR ARTERY-47:58
 POSTERIOR SUPERIOR ALVEOLAR ARTERY-47:59
 The following tributaries of the posterior facial vein are
 seldom well enough preserved to be satisfactorily demonstrated
 by dissection:
 ARTICULAR MANDIBULAR VEIN-54:10
 STYLOMAXILLARY VEIN-54:12
 PTERYGOID VEIN-54:13
 TRANSVERSE FACIAL VEIN-54:13

3. Mandibular articulation-49:35
 ARTICULAR CAPSULE-49:38
 TEMPOROMANDIBULAR LIGAMENT-49:38
 SPHENOMANDIBULAR LIGAMENT-49:39
 STYLOMANDIBULAR LIGAMENT-49:40
 ARTICULAR DISC-49:37
 Exposed by removing the temporomandibular ligament.

3. Nerves

The demonstration of the following nerves is completed by
 dissecting the condylar process and reflecting it together
 with the external pterygoid muscle superiorly, guarding at the
 same time against cutting the auriculotemporal nerve.
 MANDIBULAR NERVE-57:6
 SPINOSUS NERVE-57:7
 MASSETER NERVE-57:8
 MASSETERIC NERVE-57:8
 ANTERIOR AND POSTERIOR DEEP TEMPORAL NERVES-57:11, 12
 BUCCINATOR NERVE-57:13
 EXTERNAL PTERYGOID NERVE-57:14
 INTERNAL PTERYGOID NERVE-57:15
 AURICULOTEMPORAL NERVE-57:16
 NERVE OF THE EXTERNAL AUDITORY MEATUS-57:17
 RAMP TO THE TYMPANIC MEMBRANE-57:18
 LINGUAL NERVE-57:23
 INFERIOR ALVEOLAR NERVE-57:32
 MYLOHIOID NERVE-57:33
 CHORDA TYMPANI-57:34

4. Mandibular canal-58:2

Exposed by removing (by means of a saw, chisel and bone forceps)
 the outer compact layer of the mandible.
 INFERIOR ALVEOLAR ARTERY-57:47
 MYLOHIOID FANT-57:48
 MENTAL ARTERY-57:49
 INFERIOR ALVEOLAR NERVE-57:58
 INFERIOR MENTAL FLEXURE-57:59
 INFERIOR MENTAL FANT-57:59
 INFERIOR MENTAL FANT-57:59
 MYLOHIOID NERVE-57:59
 MENTAL NERVE-57:59
 MENTAL FANT-57:59
 MENTAL FANT-57:59
 INFERIOR MENTAL FANT-57:59

VII. Submaxillary region1. Superficial structures in the submaxillary region

With the exception of the following structures the more superficial structures in this region have already been listed in connection with the submaxillary or digastric triangle, III:6a.

DIGASTRIC MUSCLE-24:47-49

STYLOHYOID MUSCLE-24:50

SUBMAXILLARY GLAND-31:11 Its superficial part only.

2. Deeper structures in the submaxillary region

MYLOHYOID MUSCLE-24:51

Exposed by dividing the anterior belly of the digastric muscle near its attachment to the mandible, sawing through the mandible slightly lateral to the median plane on each side (so as to leave intact the attachments of the geniohyoid and genioglossus muscles), and everting the inferior border of the lateral part of the mandible.

LINGUAL NERVE-67:23

Exposed by dividing the mylohyoid muscle slightly below its origin from the mylohyoid line of the mandible and along the median raphe, and reflecting the muscle downward over the hyoid bone, guarding at the same time against cutting the mucous membrane of the mouth.

SUBLINGUAL NERVE^{xx}-67:26

LINGUAL RAMI^{xx}-67:27

HYPOGLOSSAL NERVE-68:60

LINGUAL RAMI^x-68:64

SUBMAXILLARY GANGLION-67:43

COMMUNICATING RAMI WITH THE LINGUAL NERVE-67:44

SUBMAXILLARY RAMI-67:45

GLOSSOPHARYNGEAL NERVE-68:8

SUBMAXILLARY GLAND-31:11 Its deep part.

SUBMAXILLARY DUCT-31:12

SUBLINGUAL GLAND-31:8

MAJOR AND MINOR SUBLINGUAL DUCTS-31:9, 10

HYOGLOSSUS MUSCLE-32:3

STYLOGLOSSUS MUSCLE-32:5

CHONDROGLOSSUS MUSCLE^{xx}-32:4

GENIOGLOSSUS MUSCLE-32:2

GENIOHYOID MUSCLE-24:52

LINGUAL ARTERY-47:8

Exposed by detaching the hyoglossus muscle from the hyoid bone and reflecting it upward

DORSAL RAMI OF THE TONGUE^{xx}-47:11

SUBLINGUAL ARTERY^{xx}-47:10

DEEP ARTERY OF THE TONGUE^{xx}-47:12

LINGUAL VEIN-53:6

STYLOHYOID LIGAMENT-18:54

VIII. Structures in relation to the deeper regions of the neck and base of the cranium1. Otic ganglion, tensor veli palatini, stylopharyngeus muscles

OPTIC GANGLION-67:36

Exposed by dividing the lingual and inferior alveolar nerves

Exposure by dividing the anterior half of the diaphragm
muscle near the attachment to the umbilicus, making through
the umbilicus slightly lateral to the median plane on each
side (as in a lower incision the attachment of the rectus
abdominis and gastroepiploic vessels) and overlying the inferior
border of the lateral part of the umbilicus.

YE. TO -X INAR JMWILL

24-70-10010-00 YEAH!! YEAH!!

STATIONARY RAIL-43

TOUR YALIKAMU

61-10-CHAD LUTHER

2:45-3:00 PM. 2150/100318

53:21-710311 CITY#0153

1901 9th St. N. W. Washington, D. C.

16-7-2014

1970-1971

...

immediately inferior to their origins and carefully displacing the mandibular nerve.

Roots:

A SHORT ROOT FROM THE MANDIBULAR NERVE^{xx}

A LONG ROOT, THE LESSER SUPERFICIAL PETROSAL NERVE^{xx}-67:37

A SYMPATHETIC ROOT FROM THE PLEXUS OF THE MIDDLE MENINGEAL ARTERY^{xx}

Branches of distribution:

TENSOR VELI PALATINI NERVE^{xx}-67:38

TENSOR TYMPANI NERVE^{xx}-67:39

Communicating rami:

ANASTOMOTIC RAMUS WITH THE SPINOUS NERVE^{xx}-67:40

ANASTOMOTIC RAMUS WITH THE AURICULOTEMPORAL NERVE^{xx}-67:41

ANASTOMOTIC RAMUS WITH THE CHORDA TYMPANI^{xx}-67:42

TENSOR VELI PALATINI MUSCLE-32:25

Exposed by detaching the internal pterygoid muscle from the posterior border of the lateral lamina of the pterygoid process-8:61

STYLOPHARYNGEUS MUSCLE-32:32

Exposed by dividing the posterior belly of the digastric muscle near its origin and reflecting it toward its attachment to the hyoid bone, cutting through the external carotid artery just inferior to its termination, dividing the posterior auricular and occipital arteries at their origins and displacing the external carotid artery anteriorly (guarding against injury to the glossopharyngeal nerve).

2. Blood vessels

INTERNAL CAROTID ARTERY-47:68

In completing its exposure the base of the styloid process may be divided (with a bone forceps) and the styloid process together with the attached muscles reflected downward and anteriorly. The correlation of the structures at the base of the cranium with the structures previously exposed in the floor of the cranium may be facilitated by removing the calvarium (guarding, however, against drying of the cranial floor).

In demonstrating the superior portion of the cervical part of the internal carotid artery, the pharyngeal rami of the vagus nerve should first be secured and the following four nerves identified in the interval between the internal jugular vein, -namely, the glossopharyngeal, vagus, accessory and hypoglossal nerves.

ASCENDING PHARYNGEAL ARTERY^{xx}-47:4

ASCENDING PALATINE ARTERY^{xx}-47:14

TONSILLAR RAMUS OF THE EXTERNAL MAXILLARY ARTERY^{xx}-47:15

INTERNAL JUGULAR VEIN-52:69

SUPERIOR BULB OF THE JUGULAR VEIN-52:70

LINGUAL VEIN-53:6

(SUPERIOR THYROID VEINS)-53:10

COMMON FACIAL VEIN-53:69

By slitting open the inferior part of the internal jugular vein the valve situated near the termination of the vein may be demonstrated.

Immediately anterior to their origins and especially their
 bases the mandibular nerves...

A short root from the mandibular nerve
 A long root, the largest sublingual internal nerve...

A sublingual root from the plexus of the middle
 lingual artery...

Station of distribution:
 TONGUE AND PALATE NERVE-4:10

TONGUE AND PALATE NERVE-4:10
 TONGUE AND PALATE NERVE-4:10

Communication with:

ANASTOMOSES WITH THE TONGUE NERVE-4:10
 ANASTOMOSES WITH THE SUBLINGUAL INTERNAL NERVE...

4:11

ANASTOMOSES WITH THE CHORDA TYPHLOIDEA-4:11

TONGUE AND PALATE NERVE-4:11

Report by determining the internal pterygoid muscle from the
 posterior border of the lateral lobe of the pterygoid

process-4:11

STYLOPHARYNGEAL NERVE-4:11

Exposed by dividing the posterior belly of the digastric
 muscle near its origin and reflecting it toward its insertion
 near to the hyoid bone, cutting through the external carotid
 artery just inferior to its termination, dividing the
 posterior external and occipital arteries at their origins
 and displacing the external carotid artery anteriorly
 (guarding against injury to the glossopharyngeal nerve).

3. Blood vessels

INTERNAL CAROTID ARTERY-4:12

In completing the exposure the base of the styloid process
 may be divided (with a bone forceps) and the styloid pro-
 cess together with the attached muscles reflected downward
 and anteriorly. The division of the styloid process at the
 base of the mandible with the styloid process previously exposed
 in the floor of the cranium may be facilitated by removing
 the calcareous (existing, however, against drying of the
 cranial floor).

In dissecting the styloid process of the cervical part
 of the internal carotid artery, the pharyngeal end of the
 vagus nerve should first be secured and the following four
 nerves identified in the interval between the internal

jugular vein, namely, the glossopharyngeal, vagus, accessory
 and hypoglossal nerves.

ASCENDING PHARYNGEAL ARTERY-4:12

ASCENDING PALATE ARTERY-4:12

TONGUE AND PALATE NERVE-4:12

INTERNAL CAROTID VEIN-4:12

TONGUE AND PALATE NERVE-4:12

INTERNAL CAROTID VEIN-4:12

(TONGUE AND PALATE NERVE-4:12)

COMMON CAROTID VEIN-4:12

By dividing open the inferior part of the internal
 jugular vein the artery is exposed near the termina-
 tion of the vein by the common carotid.

3. Nerves

GLOSSOPHARYNGEAL NERVE-68:8

LINGUAL RAMI^{xx}-68:21 Their origin only.TONSILLAR RAMI^{xx}-68:20STYLOPHARYNGEAL RAMUS^{xx}-68:19PHARYNGEAL RAMI^{xx}-68:18

SUPERIOR GANGLION-68:9

PETROUS GANGLION-68:10

TYMPANIC NERVE-68:11

The following nerve in the middle cranial fossa
is in relationship with the tympanic nerve:

LESSER SUPERFICIAL PETROSAL NERVE-67:37

VAGUS NERVE-68:22

GANGLION JUGULARE-68:23

GANGLION NODOSUM-68:24

The following rami cannot be satisfactorily demonstrated in
an ordinary dissection.

MENINGEAL RAMUS^{xx}-68:25AURICULAR RAMUS^{xx}-68:26ANASTOMOTIC RAMUS WITH THE GLOSSOPHARYNGEAL NERVE^{xx}-68:27

Review the following rami:

PHARYNGEAL RAMI-68:28

SUPERIOR LARYNGEAL NERVE AND ITS RAMI-68:30-33

SUPERIOR CARDIAC RAMI-68:34

(DEPRESSOR NERVE)-68:35

RECURRENT NERVE-68:36

ACCESSORY NERVE-68:57

INTERNAL RAMUS^{xx}-68:58

EXTERNAL RAMUS-68:59

HYPOGLOSSAL NERVE-68:60

The demonstration of its exit from the hypoglossal canal is
facilitated by dividing the internal jugular vein 5 cm. below
the base of the skull and reflecting it upward.

The following rami have already been exposed in preceding
dissections:

RAMUS DESCENDENS-68:61

ANSA HYPOGLOSSI-68:62

THYREOHYOID RAMUS-68:63

LINGUAL RAMI-68:64

4. Sympathetic trunk

CERVICAL PART OF THE SYMPATHETIC TRUNK-71:34

SUPERIOR CERVICAL GANGLION-71:35

JUGULAR NERVE^{xx}-71:36INTERNAL CAROTID NERVE^{xx}-71:37INTERNAL CAROTID PLEXUS^{xx}-71:38EXTERNAL CAROTID NERVES^{xx}-71:45EXTERNAL CAROTID PLEXUS^{xx}-71:46LARYNGOPHARYNGEAL RAMI^{xx}-71:57

SUPERIOR CARDIAC NERVE-71:59

MIDDLE CERVICAL GANGLION-71:60

INFERIOR CERVICAL GANGLION-71:62

The remaining rami and plexuses of the cervical part of the
sympathetic system are indicated in -71:47-54, 56, 58, 65-68.

RECTUS CAPITIS LATERALIS MUSCLE^{xx}-24:2

3. Nerves

GLOSSOPHYARYNGEAL NERVE-48:2
 LINGUAL NERVE-48:21
 TONGUE NERVE-48:21
 STYLOPHARYNGEAL NERVE-48:21
 PHARYNGEAL NERVE-48:21
 SUPERIOR GANGLION-48:21
 PETROUS GANGLION-48:10
 TYMPANIC NERVE-48:11

The following nerves in the middle cranial fossa
 are in relationship with the tympanic nerve:
 LESSER SUBMENTAL PETROUS NERVE-48:11

VAGUS NERVE-48:12
 GANGLION JUGULARE-48:12
 GANGLION NODOSUM-48:12
 The following nerve cannot be satisfactorily demonstrated in
 an ordinary dissection:
 MINIMAL NERVE-48:12
 AURICULAR NERVE-48:12
 ANASTOMOtic NERVE WITH THE GLOSSOPHYARYNGEAL NERVE-48:12
 Review the following table:
 PHARYNGEAL NERVE-48:28
 SUPERIOR LARYNGEAL NERVE AND ITS NERVE-48:28-33
 SUPERIOR CARDIAC NERVE-48:24
 (GEMMUS NERVE)-48:25
 RECURRENT NERVE-48:25
 ACCESSORY NERVE-48:27
 INTERNAL NERVE-48:28
 EXTERNAL NERVE-48:28
 HYPOTHRAL NERVE-48:28
 The demonstration of its exit from the hypoglossal canal is
 facilitated by dividing the internal jugular vein 5 cm. below
 the base of the skull and reflecting it upward.
 The following table have already been exposed in preceding
 dissections:
 NERVE GLOSSOPHYARYNGEAL-48:21
 ANSA HYPOTHRAL-48:28
 THYROID NERVE-48:28
 LINGUAL NERVE-48:21

4. Sympathetic Trunk

CERVICAL PART OF THE SYMPATHETIC TRUNK-48:21
 SYMPATHETIC GANGLION-48:21
 LUMBAR NERVE-48:21
 INTERNAL CAROTID NERVE-48:21
 INTERNAL CAROTID PLEXUS-48:21
 EXTERNAL CAROTID NERVE-48:21
 EXTERNAL CAROTID PLEXUS-48:21
 LARYNGOPHYARYNGEAL NERVE-48:21
 SUPERIOR CARDIAC NERVE-48:21
 MIDDLE CERVICAL GANGLION-48:21
 INFERIOR CERVICAL GANGLION-48:21
 The remaining part and branches of the cervical part of the
 sympathetic trunk are indicated in 48:21-22, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

IX. Structures in relation to the cervical part of the vertebral column and the posterior part of the base of the skull

The head and neck may be divided into anterior and posterior parts by: a) cutting the nerves and vessels of the neck at the level of the first rib and forcibly displacing these structures together with the oesophagus and trachea anteriorly, away from the cervical vertebrae and exposing the periosteum investing the base of the skull between the pharynx and prevertebral muscles; b) making a transverse incision through this thick periosteum and exposing the pars basilaris of the occipital bone; c) resting the floor of the cranium upon the end of a wooden block and with a chisel and mallet dividing the pars basilaris along the line of the preceding incision (directing the chisel as nearly as possible at right angles to the plane of the bone); d) making two saw-cuts through the skull, one on each side, beginning at a point 2 cm. posterior to the mastoid process and extending obliquely anteromedially to a point immediately posterior to the jugular foramen; e) with a chisel completing the division of the base of the skull by an incision on each side uniting the end of the preceding chisel-cut (c) with the adjacent end of the saw-cut (the incision in each case passing medial and posterior to the jugular foramen); f) dividing any remaining intervening soft parts and completing the separation of the anterior and posterior parts of the head and neck. The hypoglossal nerve would be divided close to the base of the skull and superior to the ganglion nodosum of the vagus nerve, but all other cerebral nerves should remain intact and be carried away with the anterior part of the skull.

1. Muscles, nerves and blood vessels

RECTUS CAPITIS LATERALIS MUSCLE^{xx}-24:2 Previously listed in Section X:4.

RECTUS CAPITIS ANTERIOR MUSCLE^{xx}-24:65

LONGUS CAPITIS MUSCLE^{xx}-24:64

LONGUS COLLI MUSCLE^{xx}-24:63

ANTERIOR, MIDDLE AND POSTERIOR SCALENE MUSCLES-24:66-68 Their attachments only.

ANTERIOR AND POSTERIOR INTERTRANSVERSE MUSCLES^{xx}-23:62, 63

CERVICAL NERVES, I-VIII-69:1

Exposed by removing the prevertebral and scalene muscles.

ANTERIOR RAMI-69:8

POSTERIOR RAMI-69:2

VERTEBRAL ARTERY-48:21

Exposed by removing the intertransverse muscles, the rectus capitis lateralis, the obliquus capitis superior and the obliquus capitis inferior muscles, and with a bone forceps cutting away the anterior tubercles and costal portions of the transverse processes of the third to sixth cervical vertebral.

SPINAL RAMI^{xx}-48:22

VERTEBRAL VEIN-52:63

2. Articulations of the cervical vertebrae III-VII

INTERVERTEBRAL FIBROCARILLAGES-18:37

FIBROUS RING-18:38

NUCLEUS PULPOSUS-18:38

LIGAMENTA FLAVA-18:40

ARTICULAR CAPSULES-18:41

INTERTRANSVERSE LIGAMENTS^{xx}-18:42 Not well developed in theneck.
INTERSPINOUS LIGAMENTS-18:43
LIGAMENTUM NUCAE-18:45
ANTERIOR LONGITUDINAL LIGAMENT-18:46
POSTERIOR LONGITUDINAL LIGAMENT-18:47

3. Articulations of the epistropheus, atlas and occipital bone

ATLANTOOCIPITAL ARTICULATION-19:1

ARTICULAR CAPSULE-19:2

ANTERIOR ATLANTOOCIPITAL MEMBRANE-19:3

POSTERIOR ATLANTOOCIPITAL MEMBRANE-19:4

ATLANTOEPISTROPHEAL ARTICULATION-19:5

ARTICULAR CAPSULE-19:6

TECTORIAL MEMBRANE-19:11

Demonstrated by removing (with a bone forceps) the posterior arches of the atlas and epistropheus, making a saw-cut on each side of the occipital bone extending from just posterior to the jugular process and occipital condyle to the foramen magnum, detaching the squamous portion of the occipital bone and removing the exposed portion of the dura mater.

CRUCIATE LIGAMENT OF ATLAS-19:10

Exposed by detaching the tectorial membrane from the epistropheus and reflecting it upward.

TRANSVERSE LIGAMENT OF THE ATLAS-19:9

ALAR LIGAMENTS-19:7

Demonstrated by detaching the vertical part of the cruciate, ligament at its superior attachment to the occipital bone and reflecting it downward.

APICAL LIGAMENT OF THE DENS-19:8

4. Cervical portion of the vertebral canal and spinal cord

The contents of the cervical portion of the vertebral canal may be exposed by cutting away all the muscles still remaining attached to the spinous processes and arches of the cervical vertebrae and removing the laminae of the vertebral arches. For the meninges and related structures, see Thorax, V:4.

CERVICAL NERVES-69:1

ANTERIOR ROOTS-68:67

POSTERIOR ROOTS-68:68

SPINAL GANGLIA-68:69

ANTERIOR RAMI-68:70

POSTERIOR RAMI-68:71

SPINAL RAMI OF THE VERTEBRAL ARTERY-48:22

POSTERIOR SPINAL ARTERY-48:23

ANTERIOR SPINAL ARTERY-48:24

CERVICAL PART OF SPINAL CORD-58:21

CERVICAL ENLARGEMENT-58:22

For surface anatomy and internal structure of the Spinal cord see Thorax, V:5.

X. Remaining structures in the anterior part of the head and neck

See Section IX for division of the head and neck into anterior and posterior parts.

INTERCEREBRAL MEMBRANE-10:12 Not well developed in mammals.
 INTERCEREBRAL MEMBRANE-10:13
 INTERCEREBRAL MEMBRANE-10:14
 INTERCEREBRAL MEMBRANE-10:15
 INTERCEREBRAL MEMBRANE-10:16
 INTERCEREBRAL MEMBRANE-10:17

3. Articulations of the vertebral column and associated bones

ATLANTOAXIAL JOINT-10:18
 ARTICULAR SURFACES-10:19
 ARTICULAR SURFACES-10:20
 ARTICULAR SURFACES-10:21
 ARTICULAR SURFACES-10:22
 ARTICULAR SURFACES-10:23
 ARTICULAR SURFACES-10:24
 ARTICULAR SURFACES-10:25
 ARTICULAR SURFACES-10:26
 ARTICULAR SURFACES-10:27

Demonstrated by removing (with a bone saw) the posterior arches of the atlas and axis, making a saw-cut on each side of the vertebral body extending from just posterior to the pedicle process and occipital condyle to the laminae, detaching the superior portion of the occipital bone and removing the exposed portion of the dens.

EXPOSED BY DETACHING THE LATERAL MASS FROM THE TRANSVERSE PROCESS OF THE AXIS-10:28
 EXPOSED BY DETACHING THE LATERAL MASS FROM THE TRANSVERSE PROCESS OF THE AXIS-10:29
 EXPOSED BY DETACHING THE LATERAL MASS FROM THE TRANSVERSE PROCESS OF THE AXIS-10:30
 EXPOSED BY DETACHING THE LATERAL MASS FROM THE TRANSVERSE PROCESS OF THE AXIS-10:31
 EXPOSED BY DETACHING THE LATERAL MASS FROM THE TRANSVERSE PROCESS OF THE AXIS-10:32

ALLAN LIGAMENT-10:33
 Demonstrated by detaching the vertebral part of the crurae, ligament as its superior attachment to the occipital bone and reflected to dorsum.
 ALLAN LIGAMENT OF THE AXIS-10:34

4. Cervical portion of the vertebral canal and spinal cord

The contents of the cervical portion of the vertebral canal may be exposed by cutting away all the needed vertebrae and the spinous processes and masses of the cervical vertebrae and removing the laminae of the vertebral bodies. For the remaining and related structures, see Thorax, V.1.

CERVICAL NERVE-10:35
 ANTERIOR ROOT-10:36
 POSTERIOR ROOT-10:37
 SPINAL GANGLION-10:38
 ANTERIOR HORN-10:39
 POSTERIOR HORN-10:40
 SPINAL HORN OF THE VERTEBRAL COLUMN-10:41
 POSTERIOR SPINAL NERVE-10:42
 ANTERIOR SPINAL NERVE-10:43
 CERVICAL PART OF SPINAL CORD-10:44
 CERVICAL VERTEBRAL COLUMN-10:45

For surface anatomy and internal structure of the spinal cord see Thorax, V.1.

5. Horizontal section in the anterior part of the head and neck

See Section IX for division of the head and neck into anterior and posterior parts.

1. Pharynx-32:29, 4:43a. Muscles and fascia of the pharynx

BUCCOPHARYNGEAL FASCIA-24:43

PTERYGOMANDIBULAR RAPHE-32:52

TUNICA MUSCULARIS OF THE PHARYNX-32:50

CONSTRICTOR PHARYNGEUS INFERIOR MUSCLE-32:62-64

CONSTRICTOR PHARYNGEUS MEDIUS MUSCLE-32:59-61

CONSTRICTOR PHARYNGEUS SUPERIOR-32:53-57

Exposed by dividing the pterygoideus internus muscle transversely at its middle and reflecting the two ends toward their origin and insertion, guarding against cutting the tensor veli palatini muscle.

FASCIA PHARYNGOBASILARIS-32:44

b. Cavity of the pharynx-32:30

Exposed by making the following incisions: a) longitudinally in the middle line throughout the entire extent of the posterior wall of the pharynx; b) from the superior extremity of the preceding incision, transversely through the fascia pharyngobasilaris, close to the base of the cranium and extending laterally as far as the cartilage of the Eustachian tube.

The following structures may be identified by inspection:

PARS NASALIS-32:22

FORNIX PHARYNGIS-32:31

PHARYNGEAL OPENING OF THE EUSTACHIAN TUBE-32:35

ANTERIOR LIP-32:36

POSTERIOR LIP-32:37

TORUS TUBARIUS-32:38

SALPINGOPHARYNGEAL FOLD-32:39

PHARYNGEAL RECESS-32:40

PHARYNGEAL TONSIL-32:47

TONSILLAR CRYPTS-32:48

(Pharyngeal bursa)-32:41

SOFT PALATE-30:41

UVULA-32:13

PARS ORALIS-32:33

GLOSSOPALATINE ARCH-32:15

PHARYNOPALATINE ARCH-32:15

LATERAL GLOSSOEPIGLOTTIC FOLD-37:27

MEDIAN GLOSSOEPIGLOTTIC FOLD-37:26

EPIGLOTTIC VALLECULA-37:12

PARS LARYNGIS-32:34

ARYEPIGLOTTIC FOLD-37:28

OPENING INTO THE LARYNX-37:13

PERIFORM RECESS-32:42

FOLD OF THE LARYNGEAL NERVE-37:29

Looking anteriorly from the nasal part of the pharynx the following are visible in relation to the posterior part of the nasal cavity:

NASAL SEPTUM-35:39

NASOPHARYNGEAL MEATUS-35:59

INFERIOR NASAL MEATUS-35:57

MIDDLE NASAL MEATUS-35:55

INFERIOR NASAL CONCHA-35:48

MIDDLE NASAL CONCHA-35:47

1. The following are the

a. Muscles and Ligaments of the Pharynx

PHARYNGEAL MUSCLES-32:32

PHARYNGEAL MUSCLES-32:32

PHARYNGEAL MUSCLES-32:32

PHARYNGEAL MUSCLES-32:32

PHARYNGEAL MUSCLES-32:32

PHARYNGEAL MUSCLES-32:32

Exposed by dividing the pharyngeal constrictor muscles

transversely at the middle and reflecting the ends

toward their origin and insertion, guarding against

the tumor will be exposed.

VASCIA PHARYNGEALIS-32:32

b. Cavity of the Pharynx-32:32

Exposed by making the following incisions: a) longitudinally in the

middle from the anterior to the posterior wall of the

pharynx; b) from the superior extremity of the pharynx

transversely through the larynx pharyngocystitis, close to the

of the cranium and extending laterally as far as the cartilage of

the hyoid bone.

The following structures may be identified by inspection:

PHARYNX-32:32

PHARYNX-32:32

PHARYNX-32:32

PHARYNX-32:32

PHARYNX-32:32

PHARYNX-32:32

PHARYNX-32:32

PHARYNX-32:32

PHARYNX-32:32

PHARYNX-32:32

PHARYNX-32:32

PHARYNX-32:32

PHARYNX-32:32

PHARYNX-32:32

PHARYNX-32:32

PHARYNX-32:32

PHARYNX-32:32

PHARYNX-32:32

PHARYNX-32:32

PHARYNX-32:32

PHARYNX-32:32

PHARYNX-32:32

PHARYNX-32:32

PHARYNX-32:32

Looking anteriorly from the nasal part of the pharynx the following

are visible in relation to the posterior part of the nasal cavity:

PHARYNX-32:32

PHARYNX-32:32

PHARYNX-32:32

PHARYNX-32:32

PHARYNX-32:32

PHARYNX-32:32

2. Mouth and fauces

To facilitate the demonstration of the following structures the anterior part of the head and neck may be divided into two lateral halves by making the following incisions: a) with a knife dividing the uvula and soft palate in the median sagittal plane; b) in a similar manner dividing the cartilaginous part of the nose as far as the nasal bone as nearly as possible in the mid-sagittal plane, (before making this incision it should be ascertained whether the nasal septum deviates to either the right or left of the mid-plane, and if so, making the cut through the cartilage close to concave side of the septum and thus guarding against cutting the septum itself); c) with a saw cutting through the floor of the anterior part of the skull, beginning posteriorly and sawing forward making the cut pass through the hard palate and root of the nose just lateral to the nasal septum and, in line with preceding incision, through the cartilaginous part of the nose; d) with a knife dividing the tongue and soft structure in the floor of the mouth, the pharynx, larynx, trachea and any other remaining soft structure in the median sagittal plane; e) completing the division of sawing through the anterior part of the mandible in the same plane.

a. General characteristics of the oral cavity

CHEEK-30:29

FAT BODY OF THE CHEEK-30:30

VESTIBULE OF THE MOUTH-30:31

MOUTH CAVITY PROPER-30:32

ORAL FISSURE-30:33

LIPS-30:34-36

LABIAL COMMISSURE-30:37

ANGLES OF THE MOUTH-30:38

PALATE-30:39

HARD PALATE-30:40

SOFT PALATE-30:41

RAPHE OF THE PALATE-30:42

b. Mucous membrane of the mouth-30:43

FRENULUM OF THE UPPER AND LOWER LIPS-30:44, 45

GUM-30:46

SUBLINGUAL CARUNCLE-30:47

SUBLINGUAL FOLD-30:48

TRANSVERSE PALATINE FOLDS-30:49

INCISOR PAPILLA-30:50

c. Glands of the mouth-31:1

Only the openings of the ducts of the following glands can be demonstrated at this stage of the dissection:

SUBLINGUAL GLAND-31:8

MAJOR AND MINOR DUCTS-31:9, 10

SUBMAXILLARY GLAND-31:11

SUBMAXILLARY DUCT-31:12

PAROTID GLAND-31:13-15

PAROTID DUCT-31:16

The following structures are usually difficult to demonstrate in an ordinary dissection:

LABIAL GLANDS-31:2

BUCCAL GLANDS-31:3

MOLAR GLANDS-31:4

3. MOUTH AND TONGUE

To facilitate the demonstration of the following structures the anterior part of the head and neck may be divided into two lateral halves by making the following incisions: a) with a knife dividing the uvula and soft palate in the median sagittal plane; b) in a similar manner dividing the corresponding part of the nose in the median plane; c) with a pair of scissors in the mid-sagittal plane, on the nasal bone as nearly as possible in the mid-sagittal plane, (below making this incision it should be remembered whether the nasal septum deviates to either the right or left of the mid-plane, and if so, making the cut through the cartilage close to the concave side of the septum and thus guarding against cutting the septum itself); d) with a saw cutting through the floor of the anterior part of the skull, beginning posteriorly and cutting forward making the cut pass through the hard palate and root of the nose just lateral to the nasal septum and, in line with preceding incision, through the corresponding part of the nose; e) with a knife dividing the tongue and soft structure in the floor of the mouth, the pharynx, larynx, trachea and any other remaining soft structures in the median sagittal plane; f) completing the division of cavity through the anterior part of the mandible in the same plane.

g. General Dissection of the Oral Cavity

- CHIN-30:10
- FACE BODY OF THE CHIN-30:20
- VESTIBULE OF THE MOUTH-30:21
- MOUSE CAVITY MOUTH-30:22
- ORAL RESERVE-30:23
- LIPS-30:24-25
- LABIAL COMMISSURE-30:26
- ANCHORS OF THE MOUTH-30:28
- PALATE-30:30
- HARD PALATE-30:40
- SOFT PALATE-30:41
- RAVINE OF THE PALATE-30:42

h. Internal Structure of the Mouth-30:43

- PHARYNX OF THE MOUTH AND LOWER LIPS-30:44, 45
- GUM-30:46
- SUBLINGUAL CARUNCLE-30:47
- SVLINGUAL FOLIA-30:48
- TRANSVERSE PALATINE TORS-30:49
- INCISOR PALATINA-30:50

i. Lymph of the Mouth-30:51

- Only the openings of the ducts of the following glands can be demonstrated at this stage of the dissection.
- SUBLINGUAL GLAND-30:52
- MILK AND MOUTH MUCOSA-30:53, 54
- SUBMANDIBULAR GLAND-30:55
- GENIVANGULAR DUCT-30:56
- PAROTID GLAND-30:57
- PAROTID DUCT-30:58

The following structures are usually difficult to demonstrate in an ordinary dissection:

- LABIAL GLAND-30:59
- BUCCAL GLAND-30:60

PALATINE GLANDS-31:5
 LINGUAL GLANDS-31:6
 ANTERIOR LINGUAL GLAND-31:7

d. Teeth-31:19

SUPERIOR AND INFERIOR DENTAL ARCHES-31:45, 46
 INCISOR TEETH-31:47
 CANINE TEETH-31:48
 PREMOLAR TEETH-31:49
 MOLAR TEETH-31:50
 DENS SEROTINUS-31:51
 PERMANENT AND DECIDUOUS TEETH-31:52, 53

e. Tongue-31:54

DORSUM OF THE TONGUE-31:55
 ROOT OF THE TONGUE-31:56
 BODY OF THE TONGUE-31:57
 INFERIOR SURFACE-31:58, 59
 LATERAL MARGIN-31:60
 APEX-31:61
 MUCOUS MEMBRANE-31:62
 For the muscles and papillae of the tongue see X:7.

f. Fauces-32:10

Isthmus of the fauces-32:11
 Velum palatinum-32:12
 Uvula-32:13
 Palatine arches-32:12
 GLOSSOPALATINE ARCHES-32:15
 PHARYNGOPALATINE ARCHES-32:16
 SALPINGOPALATINE FOLD^{xx}-32:17
 PALATINE TONSIL-32:18
 TONSILLAR CRYPTS-32:19
 TONSILLAR SINUS-32:20
 PLICA TRIANGULARIS-32:21
 SUPRATONSILLAR FOSSA-32:22

3. Soft palate and related structures

A satisfactory dissection of the soft palate is made with difficulty in the ordinary cadave material; in demonstrating its structures the soft palate should be made tense by means of a hook and the mucous membrane removed from its oral and pharyngeal surfaces and from the surface of the glossopalatine and pharyngopalatine arches.

a. Muscles

GLOSSOPALATINE MUSCLE^{xx}-32:27
 PHARYNGOPALATINE MUSCLE^{xx}-32:28
 SALPINGOPHARYNGEUS MUSCLE^{xx}-32:58
 UVULAE MUSCLE^{xx}-32:26
 LEVATOR VELI PALATINE MUSCLE^{xx}-32:24

Exposed by removing the wall of the pharynx between the auditory tube superiorly and the upper margin of the superior pharyngeal constrictor muscle inferiorly.

Tensor Veli Palatini Muscle-32:25

PALATINE GLANDS-31:5
LINGUAL GLANDS-31:6
ANTERIOR LINGUAL GLANDS-31:7

5. Teeth-31:32
SUPERIOR AND INFERIOR DENTAL ARCHES-31:45, 46
INCISOR TEETH-31:47
CANINE TEETH-31:48
PREMOLAR TEETH-31:49
MOLAR TEETH-31:50
DENS VERTEBRATUS-31:51
PERMANENT AND DECIDUOUS TEETH-31:52, 53

6. Tongue-31:54
DORSUM OF THE TONGUE-31:55
ROOT OF THE TONGUE-31:56
BODY OF THE TONGUE-31:57
INFERIOR SURFACE-31:58, 59
LATERAL MARGIN-31:59
FLEX-31:61
MUCOUS MEMBRANE-31:62
For the muscles and papillae of the tongue see X:7.

7. Pharynx-32:10
Isthmus of the pharynx-32:11
Velum palatinum-32:12
Uvula-32:13
Palatine arches-32:15
GLOSSOPALATINE ARCHES-32:15
PHARYNGOPALATINE ARCHES-32:16
PALATOPHARYNGEAL FOLD-32:17
PALATINE TONSIL-32:18
TONSILLAR CRYPTS-32:19
TONSILLAR SINUS-32:20
FOLIA TONSILLARIA-32:21
SUPRATONSILLAR FOLIA-32:22

8. Soft palate and related structures
A histological dissection of the soft palate is made with difficulty in the ordinary laboratory material; in demonstrating its structure the soft palate should be made tense by means of a hook and the mucous membrane removed from its oral and pharyngeal surfaces and from the surface of the glossopalatine and pharyngopalatine arches.

9. Muscles
GLOSSOPALATINE MUSCLE-32:23
PHARYNGOPALATINE MUSCLE-32:24
PALATOPHARYNGEAL MUSCLE-32:25
UVULAE MUSCLES-32:26
LEVATOR VELI PALATINI MUSCLES-32:27
Exposed by removing the wall of the pharynx between the auditory tube superiorly and the lower margin of the superior pharyngeal constrictor muscle inferiorly.
TENSOR VELI PALATINI MUSCLE-32:28

b. Arteries

ASCENDING PALATINE ARTERY^{xx}-47:14
PHARYNGEAL RAMI OF THE ASCENDING PHARYNGEAL ARTERY^{xx}-47:6
DESCENDING PALATINE FROM THE INTERNAL MAXILLARY ARTERY^{xx}-47:62

c. Nerves

PHARYNGEAL RAMI OF THE VAGUS NERVE^{xx}-68:28
Component fibres of these rami are derivatives of the accessory nerve.
NERVE OF THE TENSOR VELI PALATINI^{xx}-67:38
POSTERIOR PALATINE NERVE^{xx}-67:5
MIDDLE PALATINE NERVE^{xx}-67:4

4. Auditory tube-78:11

OSSEOUS PART OF THE AUDITORY TUBE-78:13
CARTILAGINOUS PART OF THE AUDITORY TUBE-78:16
CARTILAGE OF THE AUDITORY TUBE-78:17
MEDIAL CARTILAGINOUS LAMINA-78:18
LATERAL CARTILAGINOUS LAMINA-78:19
MEMBRANOUS LAMINA-78:20
TUNICA MUCOSA-78:21-23
PHARYNGEAL OPENING OF THE AUDITORY TUBE-78:24

5. Nasal cavitya. Nasal septum-35:39

CARTILAGINOUS SEPTUM-35:40

Exposed by removing the mucous membrane from the septum.

MEMBRANOUS SEPTUM-35:41

The following structures may be demonstrated by carefully removing the cartilage and thin bony part of the septum (a small piece at a time), but retaining intact the mucous membrane of the opposite side.

OLFACTORY NERVES-66:3

MEDIAL SUPERIOR POSTERIOR NASAL RAMI-66:62

NASOPALATINE NERVE-66:63

MEDIAL NASAL RAMI OF THE INTERNAL BRANCH OF THE ANTERIOR ETHMOIDAL NERVE-66:31

POSTERIOR NASAL ARTERIES OF THE SEPTUM-47:67

ANTERIOR AND POSTERIOR ETHMOIDAL ARTERIES-48:6, 7

Difficult to demonstrate in ordinary material.

b. Cavity and lateral walls of the nose

NARES-35:37

CHOANAE-35:38

VESTIBULE OF THE NOSE-35:42

VIBRISSAE-79:34

LIMEN NASI-35:43

OLFACTORY SULCUS-35:44

SUPERIOR NASAL CONCHA-35:46

MIDDLE NASAL CONCHA-35:47

INFERIOR NASAL CONCHA-35:48

(CONCHA SUPREMA)-35:45

MUCOUS MEMBRANE-35:49

CAVERNOUS PLEXUS OF THE CONCHA-35:50

AGGER NASI-35:51

SPHENOETHMOIDAL RECESS-35:52

MEATUS OF THE NOSE-35:53

b. Arteries

ASCENDING PALATINE ARTERY XX-47:14
 PHARYNGEAL PART OF THE ASCENDING PHARYNGEAL ARTERY XX-47:14
 DESCENDING PALATINE FROM THE INTERNAL MAXILLARY ARTERY XX-47:14

c. Nerves

PHARYNGEAL NERVE OF THE VAGUS NERVE XX-68:28
 Components of these and its derivatives of the
 accessory nerve.
 NERVE OF THE TENSOR VELL PALATINI XX-67:18
 POSTERIOR PALATINE NERVE XX-67:5
 MIDDLE PALATINE NERVE XX-67:4

4. Auditory tube-78:11

OSSEOUS PART OF THE AUDITORY TUBE-78:13
 CARTILAGINOUS PART OF THE AUDITORY TUBE-78:16
 CARTILAGE OF THE AUDITORY TUBE-78:17
 MEDIAL CARTILAGINOUS LAMINA-78:18
 LATERAL CARTILAGINOUS LAMINA-78:19
 MEMBRANOUS LAMINA-78:20
 TUNICA MUCOSA-78:21-23
 PHARYNGEAL OPENING OF THE AUDITORY TUBE-78:24

5. Nasal cavitya. Nasal septum-78:33

CARTILAGINOUS SEPTUM-78:40
 Exposed by removing the mucous membrane from the septum.
 MEMBRANOUS SEPTUM-78:41
 The following structures may be demonstrated by carefully removing
 the cartilage and this body part of the septum (a small piece of
 a time), but retaining intact the mucous membrane of the opposite
 side.
 OLFACTORY NERVE-65:3
 MEDIAL SUPERIOR POSTERIOR NASAL RAMI-66:62
 NASOPALATINE NERVE-66:63
 MEDIAL NASAL RAME OF THE INTERNAL BRANCH OF THE ANTERIOR ETHMOIDAL
 NERVE-66:31
 POSTERIOR NASAL ARTERIES OF THE SEPTUM-67:67
 ANTERIOR AND POSTERIOR ETHMOIDAL ARTERIES-68:6, 7
 Difficult to demonstrate in ordinary material.

b. Cavity and lateral walls of the nose

NASES-35:37
 CONCHA-35:38
 VESTIBULE OF THE NOSE-35:41
 VESTIBULAR FOLDS-35:42
 FILICES NASI-35:43
 OLFACTORY FOLDS-35:44
 SUPERIOR NASAL CONCHA-35:45
 MIDDLE NASAL CONCHA-35:47
 INFERIOR NASAL CONCHA-35:48
 (CONCHA SUPREMA)-35:49
 MUCOUS MEMBRANE-35:49
 CAVERNOSUS VEINS OF THE CONCHA-35:50
 AGGER NASI-35:51
 ETHMOIDAL FORAMEN-35:52
 ETHMOIDAL FORAMEN-35:52

SUPERIOR MEATUS-35:54
 MIDDLE MEATUS-35:55
 ATRIUM OF THE MIDDLE MEATUS-35:56
 INFERIOR MEATUS-35:57
 COMMON MEATUS-35:58
 NASOPHARYNGEAL MEATUS-35:59
 RESPIRATORY REGION-35:60
 OLFACTORY REGION-35:61
 OLFACTORY GLANDS-35:62
 NASAL GLANDS-35:71
 ETHMOIDAL INFUNDIBULUM-35:60
 Exposed by forcing the middle concha upwards.
 HIATUS SEMILUNARIS-35:70
 BULLA ETHMOIDALIS-35:50
 NASOLACRIMAL DUCT-75:54 Its inferior opening only.
 ETHMOIDAL CELLS-35:67 Only their openings are exposed.

c. Paranasal sinuses-35:63

MAXILLARY SINUS-35:64

Its cavity is exposed by sawing upwards through the base of the zygomatic process of the maxilla and removing its lateral wall.

SPHENOIDAL SINUS-35:65

FRONTAL SINUS-35:66

d. Nerves and vessels in the lateral wall of the nasal cavity

OLFACTORY NERVES-66:3

LATERAL NASAL RAMI OF THE INTERNAL BRANCH OF THE ANTERIOR

ETHMOIDAL NERVE-66:30

Branches from the sphenopalatine ganglion:

LATERAL SUPERIOR POSTERIOR NASAL RAMI-66:61

Difficult to demonstrate in an ordinary dissection.

[LATERAL] INFERIOR POSTERIOR NASAL RAMI-67:1

SPHENOPALATINE ARTERY-47:66

The descending palatine branch of the internal maxillary artery-47:62, and the anterior and posterior ethmoidal arteries-48:6, 7, also contribute small twigs to the nasal muco-periosteum.

e. Nasal cartilages-36:6

LATERAL NASAL CARTILAGE-36:9

CARTILAGE OF THE NASAL SEPTUM-36:7 See also X:5a.

GREATER ALAR CARTILAGES-36:10

LATERAL CRUS-36:12

MEDIAL CRUS-31:12

LESSER ALAR CARTILAGES-36:13

6. Larynx-36:10

a. Cavity of the larynx-37:11

The laryngeal cartilages constituting the ground plan of the larynx are listed under subhead 6d.

APERTURE OF THE LARYNX-37:13

ARYEPYGLOTTIC FOLD-37:20

CUNEIFORM TUBERCLE-36:74

CORNICULATE TUBERCLE-36:75

INTERARYTENOID NOTCH-37:35

MEDIAN GLOSSOEPYGLOTTIC FOLD-37:26

LATERAL GLOSSOEPYGLOTTIC FOLD-37:27

SUPERIOR MEATUS-35:54
 MIDDLE MEATUS-35:55
 ANTENNA OF THE MIDDLE MEATUS-35:56
 INFERIOR MEATUS-35:57
 COMMON MEATUS-35:58
 NASOPHARYNGEAL MEATUS-35:59
 RESPIRATORY REGION-35:60
 OLFACTORY REGION-35:61
 OLFACTORY GLANDS-35:62
 NASAL GLANDS-35:63
 ETHMOIDAL TUBERCLES-35:64
 Exposed by forcing the middle bone upwards.
 MEATUS SEMILUNARIS-35:65
 BULLA ETHMOIDALIS-35:66
 NASOLACRIMAL DUCT-35:67 Its inferior opening only.
 ETHMOIDAL CELLS-35:68 Only their openings are exposed.

c. Paranasal sinuses-35:69

MAXILLARY SINUS-35:70
 Its cavity is exposed by sawing upwards through the base of the pyramidal process of the maxilla and removing the lateral wall.
 SPHENOIDAL SINUS-35:71
 FRONTAL SINUS-35:72

d. Nerves and vessels in the lateral wall of the nasal cavity

OLFACTORY NERVE-35:73
 LATERAL NASAL RAMI OF THE INTERNAL BRANCH OF THE ANTERIOR ETHMOIDAL NERVE-35:74
 Branches from the sphenopalatine ganglion:
 LATERAL SUPERIOR POSTERIOR NASAL RAMI-35:75
 Difficult to demonstrate in an ordinary dissection.
 [LATERAL] INFERIOR POSTERIOR NASAL RAMI-35:76
 SPHENOPALATINE ARTERY-35:77
 The descending palatine branch of the internal maxillary artery-35:78
 35:79 and the anterior and posterior ethmoidal arteries-35:80, 35:81 also contribute still out to the nasal mucous membrane.

e. Nasal cartilages-35:82

LATERAL NASAL CARTILAGE-35:83
 CARTILAGE OF THE NASAL SPHERE-35:84 See also Nasal.
 GREATER ALAR CARTILAGE-35:85
 LATERAL CRUR-35:86
 MEDIAL CRUR-35:87
 LESSER ALAR CARTILAGE-35:88

f. Larynx-35:89

a. Cavity of the larynx-35:90

The laryngeal cartilages constituting the ground plan of the larynx are listed under subhead 35:91
 APERTURE OF THE LARYNX-35:92
 ARYEPGLOTTIC TUBES-35:93
 CUNEIFORM TUBERCLE-35:94
 CORNICULATE TUBERCLE-35:95
 INTERARYEPGLOTTIC NOTCH-35:96
 MEDIAN GLOTTOPHARYNGEAL TUBER-35:97
 LATERAL GLOTTOPHARYNGEAL TUBER-35:98

EPIGLOTTIC VALLECULA-37:32
 VESTIBULE OF THE LARYNX-37:14
 RIMA VESTIBULI-37:15
 VENTRICULAR FOLDS-37:30
 SUPERIOR APERTURE OF THE GLOTTIS-37:34
 LARYNGEAL VENTRICLE-37:21
 APPENDIX OF THE LARYNGEAL VENTRICLE-37:22
 VOCAL FOLD-37:31
 MACULA FLAVA-37:32
 The vocal and ventricular folds subdivide the laryngeal cavity into three subdivisions; a superior, or the vestibule, a middle subdivision corresponding to the ventricles, and an inferior subdivision inferior to the level of the vocal cords.
 VOCAL LIP-37:16
 GLOTTIS-37:17
 RIMA GLOTTIDIS-37:18
 INTERMEMBRANOUS PART-37:19
 INTERCARTILAGINOUS PART-37:20
 INFERIOR APERTURE OF THE GLOTTIS-37:33
 LARYNGEAL MUCOUS MEMBRANE-37:23
 LARYNGEAL GLANDS-37:36-39
 LYMPHATIC NODULES OF THE LARYNX-37:40

b. Laryngeal muscles, hyothyroid and elastic membranes

Having examined the relations of the thyreoid gland, the following structures are exposed by removing this organ together with the omohyoid, sternohyoid, sternothyreoid, thyreohyoid and inferior pharyngeal constrictor muscles, guarding against injury to the internal and external rami of the superior laryngeal nerve, the inferior laryngeal nerve, and the superior and inferior laryngeal arteries.

HYOTHYREOID MEMBRANE-36:34
 MIDDLE HYOTHYREOID LIGAMENT-36:33
 LATERAL HYOTHYREOID LIGAMENT-36:31
 TRITICEOUS CARTILAGE-36:32
 CRICOTHYREOID MUSCLE-36:78
 STRAIGHT PART-36:79
 OBLIQUE PART-37:1

POSTERIOR CRICOARYTAENOID MUSCLE-37:2

Exposed by removing the tunica mucosa from the posterior aspect of the cricoid and arytaenoid cartilages, retaining intact, however, the superior and laryngeal artery and nerve.

OBLIQUE ARYTAENOID MUSCLE-37:9
 ARYEPIGLOTTIC MUSCLE-36:77

TRANSVERSE ARYTAENOID MUSCLE-37:10

It is preferable to demonstrate the following muscles and the elastic membrane in only one half of the larynx, reserving the other half for the demonstration of nerves and vessels.

LATERAL CRICOARYTAENOID MUSCLE-37:4

Exposed by removing the cricothyreoid muscle, making an incision through the lamina of the thyreoid cartilage parallel to and a little to the right of the anterior median line, dividing the right lateral hyothyreoid ligament, disarticulating the right inferior cornu of the thyreoid cartilage and completing the removal of the lamina.

THYREOARYTAENOID MUSCLE-37:3

VOCAL MUSCLE-37:6

ERIOGLOTTIS MUSCLES-37:12
VENTRUM OF THE LARYNX-37:11
RIMA VENTRIS-37:12
VENTRICULAR PART-37:10
SUPERIOR PART OF THE GLOTTIS-37:10
LARYNGEAL VENTRICLES-37:11
APERTURE OF THE LARYNGEAL VENTRICLES-37:12
VOCAL FOLD-37:11
MUCOSA FLAVA-37:12
The vocal and ventricular folds subdividing the laryngeal cavity into three subdivisions: a superior, or the vestibular, a middle, subdivided corresponding to the ventricular, and an inferior subdivided inferior to the level of the vocal cords.
VOCAL LIP-37:10
GLOTTIS-37:11
RIMA GLOTTIDIS-37:10
INTERMEMBRANOUS PART-37:10
INTERCRISTALGLOTTID PART-37:10
INFERIOR PART OF THE GLOTTIS-37:10
LARYNGEAL VENTRICLES-37:11
LARYNGEAL CHAMBER-37:10
PNEUMATIC MODULUS OF THE LARYNX-37:10

Laryngeal muscles, described and elastic moduli
Having examined the location of the thyroid gland, the following structures are exposed by removing and again together with the omohyoid, sternohyoid, sternothyroid, thyrohyoid and inferior thyroglottal constrictor muscles, guarding against injury to the inferior and external part of the superior laryngeal nerve, the inferior laryngeal nerve, and the superior and inferior laryngeal arteries.

HYOTHYROID MUSCLES-37:14
MIDDLE HYOTHYROID LIGAMENT-37:15
LATERAL HYOTHYROID LIGAMENT-37:15
THYROID CARTILAGE-37:15
CRICOTHYROID MUSCLE-37:15
STRAIGHT PART-37:15
CURVED PART-37:15
POSTERIOR CRICOTHYROID MUSCLE-37:15

Exposed by removing the tumor mass from the posterior aspect of the cricoid and arytenoid cartilages, retaining intact, however, the superior and inferior laryngeal artery and nerve.

CRICOID ARYENOID MUSCLE-37:15
ARYTHYROID MUSCLE-37:15
TRANSVERSE ARYTHYROID MUSCLE-37:15
It is preferable to demonstrate the following muscles and the elastic moduli in only one half of the larynx, preserving the other half for the demonstration of nerves and vessels.
LATERAL CRICOTHYROID MUSCLE-37:15
Exposed by removing the cricohyoid muscle, cutting an incision through the lamina of the thyroid cartilage parallel to and a little to the right of the superior laryngeal artery, dividing the right lateral cricohyoid muscle, demonstrating the right laryngeal artery of the thyroid cartilage and completing the removal of the larynx.
THYROID MUSCLES-37:15

Exposed by carefully removing the lateral cricoarytaenoid muscle.
 THYREOEPICLOTTIC MUSCLE-37:7
 VENTRICULAR MUSCLE-37:5

Difficult to demonstrate in an ordinary dissection.
 ELASTIC MEMBRANE OF THE LARYNX-37:24

Exposed by removing the vocal muscle.

ELASTIC CONE-37:25

VOCAL LIGAMENT-36:63

(SESAMOID CARTILAGE)-36:64

VENTRICULAR LIGAMENT-36:62

c. Laryngeal nerves and vessels

The following structures may be demonstrated in the remaining half of the larynx:

INTERNAL RAMUS OF THE SUPERIOR LARYNGEAL NERVE-68:32

Its position in the piriform sinus may be determined by producing a traction on the nerve external to the hyothyroid membrane and demonstrating the fold of the laryngeal nerve-37:29

ANASTOMOTIC RAMUS WITH THE INFERIOR LARYNGEAL NERVE-68:33

INFERIOR LARYNGEAL NERVE-68:40

ANTERIOR RAMUS-68:41

POSTERIOR RAMUS-68:42

SUPERIOR LARYNGEAL ARTERY-46:64

INFERIOR LARYNGEAL ARTERY-48:50

d. Laryngeal cartilages and ligaments

EPIGLOTTIS-36:67

PETIOLUS EPIGLOTTIDIS-36:68

EPIGLOTTIC TUBERCLE-36:69

EPIGLOTTIC CARTILAGE-36:70

THYREOEPICLOTTIC LIGAMENT-36:71

HYOEPICLOTTIC LIGAMENT-36:72

THYREOID CARTILAGE-36:21

RIGHT AND LEFT LAMINA-36:22

PROMINENTIA LARYNGEA-36:16

SUPERIOR THYREOID INCISURE-36:23

INFERIOR THYREOID INCISURE-36:24

SUPERIOR THYREOID TUBERCLE-36:25

INFERIOR THYREOID TUBERCLE-36:26

(OBLIQUE LINE)-36:27

SUPERIOR CORNU-36:28

INFERIOR CORNU-36:29

(THYREOID FORAMEN)-36:30

CRICOTHYREOID ARTICULATION-36:40

ARTICULAR CAPSULE-36:41

CERATOCRICOID LIGAMENTS^{xx}-36:42³44

CRICOID CARTILAGE-36:35

The exposure of the cricoid cartilage is completed by dividing the ligaments connecting the thyreoid and cricoid cartilages and removing the thyreoid cartilage.

ARCH-36:36

LAMINA-36:37

ARYTAENOID ARTICULAR SURFACE-36:38

THYREOID ARTICULAR SURFACE-36:39

CRICOTRACHEAL LIGAMENT-36:46

CORNICULATE CARTILAGE-36:57

ARYCORNICULATE SYNCHONDROSIS-36:58

Exposed by carefully removing the lateral cricothyroid muscle.
 THYROID GLAND-35:17
 VENTRICULAR NERVE-35:18
 Difficult to demonstrate in an ordinary dissection.
 BLASTIC MEMBRANE OF THE LARYNX-35:18
 Exposed by removing the vocal folds.
 KISTIC GLAND-35:18
 VOCAL LIGAMENT-35:18
 (CRICOID CARTILAGE)-35:18
 VENTRICULAR LIGAMENT-35:18

2. Laryngeal nerves and vessels

The following structures may be demonstrated in the remaining half of the larynx:

INTERNAL RAMUS OF THE SUPERIOR LARYNGEAL NERVE-35:18

Its position in the larynx may be determined by passing a traction on the nerve external to the hyothyroid membrane and demonstrating the fold of the laryngeal nerve-35:18

ANASTOMOTIC RAMUS WITH THE INFERIOR LARYNGEAL NERVE-35:18

INFERIOR LARYNGEAL NERVE-35:18

ANTERIOR RAMUS-35:18

POSTERIOR RAMUS-35:18

SUPERIOR LARYNGEAL ARTERY-35:18

INFERIOR LARYNGEAL ARTERY-35:18

3. Laryngeal cartilages and ligaments

EPIGLOTTIS-35:17

HYALINE EPIGLOTTID-35:18

EPIGLOTTIC TUBERCLE-35:18

EPIGLOTTIC CARTILAGE-35:18

THYROEPIGLOTTIC LIGAMENT-35:18

HYOEPIGLOTTIC LIGAMENT-35:18

THYROID CARTILAGE-35:18

RIGHT AND LEFT LAMINA-35:18

PROMINENT LAMINA-35:18

SUPERIOR THYROID TUBERCLE-35:18

INFERIOR THYROID TUBERCLE-35:18

SUPERIOR THYROID TUBERCLE-35:18

INFERIOR THYROID TUBERCLE-35:18

LOBULE (L)-35:18

SUPERIOR CORNU-35:18

INFERIOR CORNU-35:18

(THYROID FORAMEN)-35:18

CRICOID CARTILAGE-35:18

ANTERIOR CRICOID-35:18

CRICOID CARTILAGE-35:18

CRICOID CARTILAGE-35:18

The exposure of the cricoid cartilage is completed by dividing the ligaments connecting the thyroid and cricoid cartilages and removing the hyothyroid cartilage.

ARON-35:18

LAMINA-35:18

CRICOID CARTILAGE-35:18

CRICOID CARTILAGE-35:18

CRICOID CARTILAGE-35:18

CRICOID CARTILAGE-35:18

CRICOID CARTILAGE-35:18

CORNICULOPHARYNGEAL LIGAMENT^{xx}-36:61
 CRICOPHARYNGEAL LIGAMENT^{xx}-36:60
 ARYTAENOID CARTILAGE-36:47
 APEX-36:54
 BASE-36:49
 ARTICULAR SURFACE-36:48
 CRISTA ARCUATA^{xx}-36:50
 COLLICULUS^{xx}-36:51
 FOVEA OBLONGA^{xx}-36:52
 FOVEA TRIANGULARIS^{xx}-36:53
 VOCAL PROCESS-36:55
 MUSCULAR PROCESS-36:56
 CUNEIFORM CARTILAGE-36:73
 CRICOARYTAENOID ARTICULATION-36:59
 ARTICULAR CAPSULE-36:65
 POSTERIOR CRICOARYTAENOID LIGAMENT^{xx}-36:66

7. Tongue-31:54

a. General characteristics and surface anatomy

DORUM OF TONGUE-31:55
 ROOT OF TONGUE-31:56
 BODY OF TONGUE-31:57
 INFERIOR SURFACE-31:58
 FIMBRIATED FOLD-31:59
 LATERAL MARGIN-31:60
 APEX OF TONGUE-31:61
 MUCOUS MEMBRANE OF TONGUE-31:62
 FRENULUM OF TONGUE-31:63
 LINGUAL PAPILLAE-31:64
 FILIFORM PAPILLAE-31:65
 CONICAL PAPILLAE-31:66
 FUNGIFORM PAPILLAE-31:67
 LENTICULAR PAPILLAE-31:68
 VALLATE PAPILLAE-31:69
 FOLIATE PAPILLAE-31:70
 MEDIAL SULCUS-31:71
 TERMINAL SULCUS-31:72
 FORAMEN CAECUM-31:73
 (LINGUAL DUCT)-31:74
 THYREOGLOSSAL DUCT-31:75
 LINGUAL TONSIL-31:76
 LINGUAL FOLLICLES-31:77

b. Muscles of the tongue-32:1

Preferably demonstrated in one half of the tongue only retaining the other half for the demonstration of nerves and vessels.

GENIOGLOSSUS MUSCLE-32:2
 HYOGLOSSUS MUSCLE-32:3
 CHONDROGLOSSUS MUSCLE-32:4
 STYLOGLOSSUS MUSCLE-32:5

The four preceding muscles may be characterized as extrinsic and the following three muscles as intrinsic muscles of the tongue:

LONGITUDINALIS SUPERIOR MUSCLE^{xx}-32:6
 LONGITUDINALIS INFERIOR MUSCLE^{xx}-32:7
 TRANSVERSES LINGUAE MUSCLE^{xx}-32:8
 VERTICALIS LINGUAE MUSCLE^{xx}-32:9

CORNICULOPHARYNGEAL LIGAMENT^{xx}-38:51
 CRICOPHARYNGEAL LIGAMENT^{xx}-38:50
 ARYTAENOID CARTILAGE-38:47
 APYX-38:54
 BASE-38:54
 ARTICULAR SURFACE-38:48
 CRISTA ARYTAENOIDEA^{xx}-38:50
 COLLICULUS^{xx}-38:51
 FOVEA CILIOIDEA^{xx}-38:52
 FOVEA THYROIDALIS^{xx}-38:53
 VOCAL PROCESS-38:55
 MUSCULAR PROCESS-38:55
 CUNEIFORM CARTILAGE-38:57
 CRICOPHARYNGEAL ARTICULATION-38:59
 ARTICULAR CAPSULE-38:55
 POSTERIOR CRICOPHARYNGEAL LIGAMENT^{xx}-38:56

7. Tongue-31:54

a. General characteristics and surface anatomy

DORSUM OF TONGUE-31:55
 ROOT OF TONGUE-31:58
 BODY OF TONGUE-31:57
 INFERIOR SURFACE-31:58
 CIRCUMSCRIBED FOLD-31:59
 LATERAL MARGIN-31:60
 APYX OF TONGUE-31:61
 MUCOUS MEMBRANE OF TONGUE-31:62
 FRENUM OF TONGUE-31:63
 LINGUAL PAPILLAE-31:64
 FILIFORM PAPILLAE-31:65
 CONICAL PAPILLAE-31:66
 FUNGIFORM PAPILLAE-31:67
 LINGUAL PAPILLAE-31:68
 VALLATE PAPILLAE-31:69
 FOSSATE PAPILLAE-31:70
 MEDIAL SULCUS-31:71
 TERMINAL SULCUS-31:72
 FORAMEN CAECUM-31:73
 (LINGUAL DUCT)-31:74
 THYROIDAL DUCT-31:75
 LINGUAL TONSIL-31:76
 LINGUAL FOLICLES-31:77

b. Muscles of the tongue-32:1

Preferably demonstrated in one half of the tongue only retaining the other half for the demonstration of nerves and vessels.

GENIOGLOSSUS MUSCLES-32:2
 HYOGLOSSUS MUSCLES-32:3
 CHONDROGLOSSUS MUSCLES-32:4
 STYLOGLOSSUS MUSCLES-32:5

The four preceding muscles may be demonstrated as extrinsic and the following three muscles as intrinsic muscles of the tongue:

LONGITUDINALIS SUPERIOR MUSCLES-32:6
 LONGITUDINALIS INTERIOR MUSCLES-32:7
 TRANSVERSE LINGUAL MUSCLES-32:8
 VERTICALIS LINGUAL MUSCLES-32:9

SEPTUM OF TONGUE-31:78

c. Nerves and vessels of the tongue

LINGUAL RAMI OF THE GLOSSOPHARYNGEAL NERVE-68:21

LINGUAL NERVE-67:23

SUBLINGUAL NERVE-67:26

LINGUAL RAMI-67:27

HYPOGLOSSAL NERVE-68:60

LINGUAL RAMI-68:64

LINGUAL ARTERY-47:8

DORSAL RAMI OF TONGUE-47:11

DEEP ARTERY OF TONGUE-47:12

8. Structures in the middle cranial fossa

Incisions for removal of the dura mater; a) having secured the cut ends of the oculomotor, trochlear and trigeminal nerves as they pierce the dura an incision is made through the dura just lateral to these nerves from the anterior clinoid process to the apex of the petrous portion of the temporal bone (the cut should be made no deeper than the thickness of the dura), and then extended from the apex of the petrous bone backward and laterally along the superior petrosal sinus to the sigmoid sulcus; b) a second incision is made through the dura from the clinoid process anterolaterally along the posterior margin of the small wing of the sphenoid bone; d) the dura may then be reflected lateralward, carefully disengaging it from any underlying nerves or other structures which may be attached to it.

CAVERNOUS SINUS-53:24

SUPERIOR OPHTHALMIC VEIN-53:54

INFERIOR OPHTHALMIC VEIN-53:68

SPHENOPARIETAL SINUS-53:28

TRIGEMINAL NERVE-66:11

PORTIO MAJOR-66:12 Sensory root.

PORTIO MINOR-66:14 Motor root.

SEMILUNAR GANGLION-66:13

MANDIBULAR NERVE-67:6 Origin and foramen of exit only.

An accessory meningeal artery-(47:51) is sometimes associated with it in its foramen of exit.

MAXILLARY NERVE-66:38 Origin and foramen of exit.

MENINGEAL RAMUS-66:39

OPHTHALMIC NERVE-66:15

LACRIMAL NERVE-66:17 Its origin only.

NASOCILIARY NERVE-66:23 Its origin only.

FRONTAL NERVE-66:19 Its origin only.

The following three nerves are listed with reference to the cavernous sinus only:

OCULOMOTOR NERVE-66:5

TROCHLEAR NERVE-66:9

ABDUCENT NERVE-67:46

CAVERNOUS PLEXUS OF THE SYMPATHETIC-71:39 Difficult to demonstrate,

INTERNAL CAROTID ARTERY-47:68

OPHTHALMIC ARTERY-47:30 Its origin only.

INTERNAL CAROTID PLEXUS OF THE SYMPATHETIC-71:38 Difficult to demonstrate in an ordinary dissection.

GREATER SUPERFICIAL PETROSAL NERVE-66:59

LESSER SUPERFICIAL PETROSAL NERVE-67:37

MIDDLE MENINGEAL ARTERY-47:50

SECTION OF TONGUE-31:78

1. Nerves and vessels of the tongue
LINGUAL NERVE-31:78

LINGUAL NERVE-31:78

STYLING NERVE-31:78

LINGUAL NERVE-31:78

HYPOTONGUEAL NERVE-31:78

LINGUAL NERVE-31:78

LINGUAL NERVE-31:78

DORSAL NERVE OF TONGUE-31:78

DEEP NERVE OF TONGUE-31:78

2. Structures in the middle cranial fossa

Incision for removal of the dura mater; a) having secured the cut ends of the sphenoid, occipital and trigeminal nerves as they pass the dura an incision is made through the dura just lateral to these nerves from the anterior clinoid process to the apex of the petrous portion of the temporal bone (the cut should be made as deep as the thickness of the dura), and then extended from the apex of the petrous bone backward and laterally along the superior petrosal sinus to the foramen transversarium; b) a second incision is made through the dura from the clinoid process anteriorly along the posterior margin of the small wing of the sphenoid bone; c) the dura may then be reflected laterally, carefully dissecting it from any underlying nerves or other structures which may be attached to it.

CAVERNOUS SINUS-31:78

SUPERIOR OPHTHALMIC NERVE-31:78

INFERIOR OPHTHALMIC NERVE-31:78

SPHENOPHTHALMIC NERVE-31:78

TRIGEMINAL NERVE-31:78

FORAMEN LACERANS-31:78

FORAMEN LACERANS-31:78

SEMI-SPINAL NERVE-31:78

MANDIBULAR NERVE-31:78

An accessory mandibular artery (31:78) is sometimes associated with it in its formation of exit.

MAXILLARY NERVE-31:78

MAXILLARY NERVE-31:78

MAXILLARY NERVE-31:78

MAXILLARY NERVE-31:78

MAXILLARY NERVE-31:78

MAXILLARY NERVE-31:78

MAXILLARY NERVE-31:78

MAXILLARY NERVE-31:78

MAXILLARY NERVE-31:78

MAXILLARY NERVE-31:78

MAXILLARY NERVE-31:78

MAXILLARY NERVE-31:78

MAXILLARY NERVE-31:78

MAXILLARY NERVE-31:78

MAXILLARY NERVE-31:78

MAXILLARY NERVE-31:78

MAXILLARY NERVE-31:78

MAXILLARY NERVE-31:78

MAXILLARY NERVE-31:78

MAXILLARY NERVE-31:78

MAXILLARY NERVE-31:78

SUPERFICIAL PETROSAL RAMUS^{xx}-47:52
(ACCESSORY MENINGEAL RAMUS)-47:51

9. Eyelids and lacrimal apparatus

For the surface anatomy of the eye see Section V:1.

a. Eyelids-75:11

In demonstrating the following structures the palpebral part of the orbicularis oculi muscle is removed, guarding against injury to underlying nerves and vessels.

ORBITAL SEPTUM-75:5

SUPERIOR TARSUS-75:23

INFERIOR TARSUS-75:24

TARSAL GLANDS-75:27

LATERAL PALPEBRAL RAPHE-75:26

MEDIAL PALPEBRAL LIGAMENT-75:25

LEVATOR PALPEBRAE SUPERIORIS MUSCLE-75:3 Its tendon of insertion only.

For nerves and vessels of the eyelids see L:2a and V:4.

b. Lacrimal apparatus-75:41

SUPERIOR LACRIMAL GLAND 5:42

Should be identified with a minimum dissection.

Exposed by dividing the palpebral fascia at the upper and lateral angle of the orbit.

INFERIOR LACRIMAL GLAND-75:43

(ACCESSORY LACRIMAL GLAND)-75:44

EXCRETORY DUCTULES-75:45

LACRIMAL DUCT-75:49

Exposed by reflecting the medial palpebral ligament.

AMPULLA OF THE LACRIMAL DUCT-75:51

LACRIMAL SAC-75:52

FORNIX OF THE LACRIMAL SAC-75:53

NASOLACRIMAL DUCT-75:54

The following muscles are exposed by dividing the eyelids through the middle by a sagittal section and removing the conjunctiva at the medial angle of the eye.

TARSALIS SUPERIOR MUSCLE^{xx}-75:29

TARSALIS INFERIOR MUSCLE^{xx}-75:30

10. Structures in relation to the orbit

a. Structures in the superior part of the orbit and fascia of the eyeball

Exposed by removing (with a bone forceps, saw and chisel) the thin roof superior wall of the orbit (12:67), the thick cranial wall above the orbital opening (12:64), and the superior wall of the superior orbital fissure (12:71), retaining intact, however, the superorbital margin (12:65) of the orbital opening and a ring of bone around the optic foramen (cutting away the anterior clinoid process will also facilitate the subsequent dissection), dividing the periosteum longitudinally midway between the medial and lateral walls of the orbit and also transversely close to the anterior margin of the superior orbital wall, and reflecting the two periosteal flaps laterally and medially.

SUPERFICIAL PETROSAL RAMPUS - 47:22
(ACCESSORY SEMICIRCULAR RAMPUS) - 47:21

2. Eyelids and lacrimal apparatus

For the surface anatomy of the eye see Section VII.

Exposure - 75:12

In demonstrating the following structures the palpebral part of the orbicularis oculi muscle is removed, guarding against injury to underlying nerves and vessels.

- ORBITAL SEPTUM - 75:12
 - SUPERIOR TARSUS - 75:12
 - INFERIOR TARSUS - 75:12
 - TARSALE CLAVICLE - 75:12
 - LATERAL PALPEBRAL RAMPUS - 75:12
 - MEAN PALPEBRAL LACRIMAL - 75:12
 - ELEVATOR PALPEBRIS SUPERIORIS MUSCLE - 75:12
- For nerves and vessels of the eyelids see 47:14 and 75:12 only.

1. Lacrimal apparatus - 75:11

SUPERIOR LACRIMAL GLAND - 75:12

Should be identified with a minimum dissection. Exposed by dividing the palpebral folds at the upper and lower angles of the orbit.

- INFERIOR LACRIMAL GLAND - 75:12
- (ACCESSORY LACRIMAL GLAND) - 75:14
- EXCRETORY DUCTS - 75:12
- LACRIMAL DUCT - 75:12

Exposed by reflecting the medial palpebral ligaments. AMPULLA OF THE LACRIMAL DUCT - 75:12

LACRIMAL SAC - 75:12

FORNIX OF THE LACRIMAL SAC - 75:12

THE FOLLOWING MUSCLES ARE EXPOSED BY DIVIDING THE EYELID THROUGH THE MIDDLE BY A MEDIAL SECTION AND REMOVING THE CONJUNCTIVA AT THE MEDIAL ANGLE OF THE EYE.

- TARSALE SUPERIOR MUSCLE - 75:12
- TARSALE INFERIOR MUSCLE - 75:12

III. Structures in relation to the orbit

1. Structures in the superior part of the orbit and angle of the eye

Exposure

Exposed by removing (with a bone forceps, see 47:12) the thin part superior wall of the orbit (75:12). The thin orbital wall above the orbital opening (75:12) and the superior wall of the superior orbital margin (75:12) remaining intact. However, the superior orbital margin (75:12) is removed opening and a ring of bone around the orbit remains (leaving away the superior orbital process). The superior orbital process (75:12) is removed. Dividing the periorbital foramina (75:12) along between the medial and lateral walls of the orbit and along (75:12) along the superior margin of the superior orbital wall and reflecting the two periorbital foramina (75:12) and (75:12).

FRONTAL NERVE-66:19

SUPRAORBITAL NERVE-66:20

FRONTAL RAMUS-66:21

SUPRATROCHLEAR NERVE-66:22

Attention has already been directed to the peripheral distribution of these nerves, I:2a and V:4.

CORPUS ADIPOSUM ORBITAE-75:9

To be removed gradually during the ensuing dissection.

TROCHLEAR NERVE-66:9

LACRIMAL NERVE-66:17

LACRIMAL GLANDS-76:42-45 See also 9b.

LEVATOR PALPEBRAE SUPERIORIS MUSCLE-75:3

FASCIA OF EYEBALL-75:7

Exposed by dividing the frontal nerve and levator palpebrae superioris muscle in the middle of the orbit and reflecting their cut ends.

INTERFASCIAL SPACE-75:8

Its extent may be determined by making an opening through fascia and introducing the the handle of a scalpel or a blunt forceps into the opening.

RECTUS SUPERIOR MUSCLE-74:65

OBLIQUUS SUPERIOR MUSCLE-74:71

TROCHLEA-75:1

b. Optic nerve, nasociliary nerve and ciliary ganglion

The following structures are exposed by dividing superior rectus muscle midway between its origin and insertion, reflecting the cut ends (noting the superior division of the oculomotor nerve subjacent to its posterior part), and carefully removing the orbital fat.

OPTIC NERVE-66:4

NASOCILIARY NERVE-66:23

LONG ROOT OF THE CILIARY GANGLION-66:24

LONG CILIARY NERVES-66:25

POSTERIOR ETHMOIDAL NERVE-66:26

ANTERIOR ETHMOIDAL NERVE-66:27

INFRA-TROCHLEAR NERVE-66:33-35

CILIARY GANGLION-66:63

SHORT CILIARY NERVES-66:37

c. Blood vessels of the orbit

OPHTHALMIC ARTERY-47:71

CENTRAL ARTERY OF RETINA-47:72

LACRIMAL ARTERY-47:72

MUSCULAR RAMI-47:74

CILIARY ARTERIES-47:75, 76, 48:1-4

SUPRAORBITAL ARTERY-48:5

ANTERIOR AND POSTERIOR ETHMOIDAL ARTERIES-48:6, 7

MEDIAL PALPEBRAL ARTERIES-48:9-11

FRONTAL ARTERY-48:12

DORSAL ARTERY OF NOSE-48:13

SUPERIOR OPHTHALMIC VEIN-53:54

INFERIOR OPHTHALMIC VEIN-53:68

CENTRAL VEIN OF RETINA-53:63

Tributaries of the ophthalmic veins are indicated in 53:55, 53:64-67

d. Remaining structures of the orbit

RECTUS MEDIALIS MUSCLE-74:67

FRONTAL NERVE-66:12
 SUPRATROCHLEAR NERVE-66:13
 TROCHLEAR NERVE-66:14
 SUPRATROCHLEAR NERVE-66:15
 Attention has already been directed to the peripheral
 distribution of these nerves, 1:28 and 1:29.
 CORPUS ADIPOSUM ORBITAE-75:2
 To be removed gradually during the opening dissection.
 TROCHLEAR NERVE-66:2
 LACRIMAL NERVE-66:17
 LACRIMAL GLANDS-66:22-23 See also 25.
 LACRIMATOR PALPEBRARUM SUPERIORIS MUSCLES-75:3
 FASCIA OF EYEBALL-75:7
 Exposed by dividing the frontal nerve and levator palpebrae
 superioris muscle in the middle of the orbit and reflecting
 their cut ends.
 INTEROCCIPITAL SPACE-75:8
 Its extent may be determined by making an opening through
 fascia and interdigiting the tip of the index of a needle or a
 blunt forceps into the opening.
 RECTUS SUPERIOR MUSCLE-75:9
 CELIUM SUPERIOR MUSCLE-75:11
 TROCHLEAR-75:1

3. Orbit with innervation and ciliary ganglion
 The following apparatus was prepared by dividing superior rectus
 muscle midway between its origin and insertion, reflecting the cut
 ends (noting the superior division of the ciliary motor nerve adjacent
 to its posterior part), and carefully removing the orbital fat.

CYTIC NERVE-66:4
 NASOCILIARY NERVE-66:23
 LONG ROOT OF THE CILIARY GANGLION-66:24
 LONG CILIARY NERVE-66:25
 POSTERIOR ETHMOIDAL NERVE-66:26
 ANTERIOR ETHMOIDAL NERVE-66:27
 INFRATROCHLEAR NERVE-66:33-35
 CILIARY GANGLION-66:32
 SHORT CILIARY NERVE-66:37

4. Blood vessels of the orbit

OPHTHALMIC ARTERY-67:1
 CENTRAL ARTERY OF RETINA-67:12
 LACRIMAL ARTERY-67:18
 MUSCULAR ARTERY-67:19
 CILIARY ARTERIES-67:25, 26, 48:1-4
 SUPRACILIARY ARTERY-68:2
 ANTERIOR AND POSTERIOR ETHMOIDAL ARTERIES-68:3
 ETHMAL PALPEBRAL ARTERIES-68:11-12
 FRONTAL ARTERY-68:13
 DORSAL ARTERY OF NOSE-68:13
 SUPERIOR CILIARY VEIN-68:24
 INFERIOR CILIARY VEIN-68:25
 CENTRAL VEIN OF RETINA-68:27

Thickened at the conjunctival vein and indicated in 68:25, 28:24-27

5. Relations of the orbit

RECTUS SUPERIOR MUSCLE-75:9

RECTUS INFERIOR MUSCLE-74:66

RECTUS LATERALIS MUSCLE-74:68

LACERTUS OF RECTUS LATERALIS MUSCLE-74:69

COMMON TENDINOUS RING OF ZINN-74:70

Exposed by dividing the optic nerve close to the optic foramen and turning the eyeball anteriorly.

OCULOMOTOR NERVE-66:5

SUPERIOR RAMUS-66:6

INFERIOR RAMUS-66:7

SHORT ROOT OF CILIARY GANGLION-66:8

ABDUCENS NERVE-67:46

OBLIQUUS INFERIOR MUSCLE-75:2

Exposed by replacing the eyeball in its normal position, everting the lower eyelid, carefully removing the conjunctiva in the region of the inferior fornix.

ZYGOMATIC NERVE-66:40

11. Structures in the carotid and infraorbital canals, and in the pterygopalatine fossa.

a. Carotid canal-9:41

The contents of the carotid canal may be exposed by removing (with a bone forceps) the inferior wall of the carotid canal, guarding against injury to the auditory tube.

INTERNAL CAROTID ARTERY-47:68

CAROTICOTYMPANIC RAMUS^{xx}-47:69

INTERNAL CAROTID NERVE OF SYMPATHETIC SYSTEM-71:37

INTERNAL CAROTID PLEXUS-71:38

DEEP PETROSAL NERVE-66:60 Its origin only

b. Maxillary nerve and infraorbital canal

The structures in relation to the infraorbital canal and pterygopalatine fossa may be exposed by making the following dissections: a) begin at the cut margin of the skull just above the external acoustic meatus and sawing through the squamous part of the temporal bone and great wing of the sphenoid bone in a plane passing obliquely downward and forward to the medial end of the superior orbital fissure, the saw-cut passing just lateral to the foramen rotundum; b) making a second saw-cut extending from the cut margin of the cranial wall, just above the anterior margin of the great wing of the sphenoid, downward into the superior orbital fissure, joining the first saw-cut; c) detaching the wedge of bone included between the two saw-cuts and with a bone forceps removing what remains of the great wing of the sphenoid bone lateral to the foramen rotundum, retaining intact, however, the bony circumference of this aperture; d) and finally with a bone forceps (and chisel if necessary) removing the superior wall of the infraorbital canal.

MAXILLARY NERVE-66:40

ZYGOMATIC NERVE-66:43

SPHENOPALATINE NERVES-66:45

INFRAORBITAL NERVE-66:46

MIDDLE SUPERIOR ALVEOLAR RAMUS-66:47

ANTERIOR SUPERIOR ALVEOLAR RAMI-66:48

SUPERIOR DENTAL PLEXUS-66:49

This plexus also includes the posterior superior alveolar rami.

1. The first step is to identify the problem. This involves understanding the situation and the goals that need to be achieved.

[illegible]

10-10-1944

WILLIAM W. WILSON

SUPERIOR DENTAL RAMI-66:50
 SUPERIOR GINGIVAL RAMI-66:51

INFRAORBITAL ARTERY-47:60

ANTERIOR SUPERIOR ALVEOLAR ARTERIES-47:61

c. Sphenopalatine ganglion

The sphenopalatine ganglion may be located by following the lateral superior nasal rami together with the nasopalatine nerve back to the sphenopalatine foramen, and the lateral posterior inferior rami of the anterior palatine nerve back to the pterygopalatine canal, carefully opening the canal and following the palatine nerves upward to the sphenopalatine ganglion which is situated in the pterygopalatine fossa; the exposure of the ganglion may also be facilitated by removing the orbital process of the palatine bone and a portion of the body of the sphenoid bone.

SPHENOPALATINE GANGLION-66:56

NERVE OF THE PTERYGOID CANAL-66:58

This nerve may be exposed by cutting away the sphenoidal process of the palate bone and carefully opening the pterygoid process of the sphenoid bone, a dissection difficult, however, to make.

GREATER SUPERFICIAL PETROSAL NERVE-66:59

DEEP PETROSAL NERVE-66:60

ORBITAL RAMI-66:57

LATERAL SUPERIOR POSTERIOR NASAL RAMI-66:61

MEDIAL SUPERIOR POSTERIOR NASAL RAMI-66:62

NASOPALATINE NERVE-66:63

[LATERAL] INFERIOR POSTERIOR NASAL RAMI-67:1

PALATINE NERVES-67:2

ANTERIOR PALATINE NERVE-67:3

MIDDLE PALATINE NERVE-67:4

POSTERIOR PALATINE NERVE-67:5

d. Internal maxillary artery

The following terminal branches of the internal maxillary artery are in relation to the pterygopalatine fossa with reference to their origin only.

POSTERIOR SUPERIOR ALVEOLAR ARTERY-47:59

INFRAORBITAL ARTERY-47:60

DESCENDING PALATINE ARTERY-47:62

SPHENOPALATINE ARTERY-47:66

12. Auditory apparatus: external and middle ear

It will be observed that the incisions made through the skull in the course of the preceding dissections have resulted in the isolation of a somewhat wedge-shaped segment of the cranium including the greater part of the temporal bone and the organ of hearing. With reference to the three subdivisions of the organ of hearing, some of the structures relative to the external ear have already been listed under Section I:4, and attention directed to the auditory tube of the middle ear under Section X:4.

c. Walls of the tympanic cavity

The tympanic cavity and its several walls may be demonstrated by removing the squamous part of the temporal bone by a horizontal saw-cut made just above the level of the petrous part of the temporal bone and making an opening through the tegmen tympani of the temporal bone (9:12) just lateral to the arcuate eminence (9:13), and about

1 cm. anterior to the superior angle (9:8) of the pyramids of pars petrosa (9:3), and exposing the tympanic antrum of the mastoid wall of the tympanic antrum of the mastoid wall of the tympanic cavity (77:17); this opening may then be carefully enlarged with a bone forceps and the entire roof or tegmental wall of the tympanic cavity removed.

TEGMENTAL WALL-76:69

EPITYMPANIC RECESS-77:1

PARS CUPULARIS-77:2

JUGULAR WALL-77:3

STYLOID PROMINENCE-77:4

MASTOID WALL-77:16

TYMPANIC ANTRUM-77:17

PROMINENCE OF LATERAL SEMICIRCULAR CANAL-77:18

PROMINENCE OF FACIAL CANAL-77:19

PYRAMIDAL EMINENCE-77:20

FOSSA OF INCUS-77:21

POSTERIOR SINUS-77:22

TYMPANIC APERTURE OF CANALICULUS OF THE CHORDA-77:23

CAROTID WALL-77:26

LABYRINTHIC WALL-77:5

FENESTRA VESTIBULI-77:6, 7

PROMONTORY-77:8-

SINUS OF TYMPANUM-77:11

FENESTRA COCHLAE-77:12-14

PROCESSUS COCHLEARIFORMIS-77:15

MASTOID CELLS-77:24

TYMPANIC CELLS-77:25

MEMBRANOUS WALL-77:27

TYMPANIC MEMBRANE-77:28

PARS FLACCIDA-77:29

PARS TENSA-77:30

LIMBUS MEMBRANAE TYMPANI-77:31

ANTERIOR MALLEOLAR FOLD-77:32

POSTERIOR MALLEOLAR FOLD-77:33

MALLEOLAR PROMINENCE-77:34

MALLEOLAR STRIA-77:35

UMBO MEMBRANE TYMPANI-77:36

FIBROCARILAGINOUS RING-77:38

Structurally the tympanic membrane consists of several tissue layers, 77:37, 77:41

MUCOUS MEMBRANE OF THE TYMPANIC CAVITY-78:1

b. Auditory ossicles, articulations, ligaments and muscles

STAPES-77:43

HEAD-77:44

ANTERIOR LIMB-77:45

POSTERIOR LIMB-77:46

BASE-77:47

INCUS-77:48

BODY-77:49

LONG LIMB-77:50

LENTICULAR PROCESS-77:51

SHORT LIMB-77:52

MALLEUS-77:53

MANUBRIUM-77:54

HEAD-77:55

1 cm. anterior to the superior angle (0:8) of the pyramidal of pars posterior (0:9), and extending the pyramidal surface of the mastoid wall of the tympanic cavity of the mastoid wall of the tympanic cavity (0:10). This opening may then be completely enlarged with a bone forceps and the entire roof of the tympanic cavity removed.

- MEGALOTIC WALL-77:22
- EPITHEMIAL MEMBRANE-77:21
- FACE OF MEGALOTIC WALL-77:21
- MEGALOTIC WALL-77:21
- STYLOID PROMINENCE-77:19
- MEGALOTIC WALL-77:18
- TYMPANIC ANTRUM-77:17
- PROMINENCE OF LATERAL SEMICIRCULAR CANAL-77:16
- PROMINENCE OF MEDIAL CANAL-77:15
- TYMPANIC ANTRUM-77:15
- FORA OF TUBE-77:14
- POSTERIOR SINUS-77:13
- TYMPANIC ANTRUM OF CANALICULUS OF THE CHORDA-77:12
- CAROTID WALL-77:12
- LABYRINTHIC WALL-77:12
- MEGALOTIC WALL-77:12
- PROMINENCE-77:12
- SINUS OF TYMPANUM-77:11
- MEGALOTIC WALL-77:11
- PROCESSUS COCHLEARIS-77:11
- MEGALOTIC WALL-77:11
- TYMPANIC WALL-77:11
- TYMPANIC WALL-77:11
- FACE OF MEGALOTIC WALL-77:11
- FACE OF MEGALOTIC WALL-77:11
- ALBINO MEMBRANE TYMPANIC-77:11
- ANTERIOR MALLIGULAR FOLD-77:11
- POSTERIOR MALLIGULAR FOLD-77:11
- MALLIGULAR PROMINENCE-77:11
- MALLIGULAR STYL-77:11
- UBO MEMBRANE TYMPANIC-77:11
- PHONOCAUSTICUS FOLD-77:11
- STYLOID WALL-77:11
- MEGALOTIC WALL-77:11

1. Anatomy of the Ear and Throat

- EAR-77:11
- HEAD-77:11
- ANTERIOR WALL-77:11
- POSTERIOR WALL-77:11
- FACE-77:11
- INCUS-77:11
- BOSS-77:11
- LONG LINE-77:11
- MEGALOTIC WALL-77:11
- SHORT LINE-77:11
- MALLIGULAR-77:11
- MALLIGULAR-77:11

NECK-77:56

LATERAL PROCESS-77:57

ANTERIOR PROCESS-77:58

ARTICULATIONS OF THE AUDITORY OSSICLES-77:59

ARTICULATION BETWEEN INCUS AND MALLEUS-77:60

ARTICULATION BETWEEN INCUS AND STAPES-77:61

SYNDESMOSIS OF STAPES AND TYMPANUM-77:62

LIGAMENTS OF THE AUDITORY OSSICLES-77:63

The following ligaments are difficult to expose in an ordinary dissection:

ANTERIOR LIGAMENT OF MALLEUS-77:64

SUPERIOR LIGAMENT OF MALLEUS-77:65

LATERAL LIGAMENT OF MALLEUS-77:66

SUPERIOR LIGAMENT OF INCUS-77:67

POSTERIOR LIGAMENT OF INCUS-77:68

OBTURATOR MEMBRANE OF STAPES-77:69

ANNULAR LIGAMENT OF BASE OF STAPES-77:70

MUSCLES OF AUDITORY OSSICLES-77:72

TENSOR TYMPANI MUSCLE-77:73

STAPEDIUS MUSCLE-77:74

AUDITORY TUBE-78:11 See also Section X:4.

c. External acoustic meatus-78:25

Its interior is exposed by removing (with a bone forceps and chisel) the anterior wall of the external acoustic meatus, guarding against injury to the tympanic membrane.

EXTERNAL ACOUSTIC PORUS-78:26

TYMPANIC INCISURE-78:27

CARTILAGINOUS EXTERNAL ACOUSTIC MEATUS-78:28

CARTILAGE OF ACOUSTIC MEATUS-78:29-31

The auricle of the external ear has been dealt with under Section I:4.

13. Intramossesous course of the facial, intermediate and acoustic nerves

The squamous portion of the temporal bone has already been removed, X:12a, and the upper part of the petrous part of the bone may now be removed by a horizontal saw-cut just above the roof of the internal acoustic meatus, the cut extending laterally into the tympanum. In relation to the mastoid wall of the tympanum attention has already been directed to the prominence of the facial canal in which runs the facial nerve, X:12a. This canal may now be opened with a bone forceps and chisel, followed into the labyrinthine wall of the tympanum, the roof of the internal acoustic meatus removed and the facial nerve exposed through the superior part of the facial canal. The inferior part of the facial canal may be demonstrated by removing the bone posterior and lateral to it by means of the two following saw-cuts: a) a frontal (vertical transverse) cut in a plane just posterior to the stylomastoid foramen; b) a sagittal (vertical anteroposterior) cut just lateral to the stylomastoid foramen to meet the first cut, removing the excised bone with a bone forceps and chisel.

FACIAL NERVE-67:47

GENU OF THE FACIAL NERVE-67:48

GENICULATE GANGLION-67:49

STAPEDIUS NERVE-67:50

ANASTOMOSING RAMUS WITH THE TYMPANIC PLEXUS-67:51

INTERMEDIATE NERVE-67:63

AUDITORY TUBE-V8:11. See also Section X:4.
 STAPEDIAL MUSCLE-V7:74
 TENSOR TYPHANI MUSCLE-V7:73
 MUSCLES OF AUDITORY OSSICLES-V7:72
 ANNULAR LIGAMENT OF BASE OF STAPES-V7:70
 OVAL WINDOW MEMBRANE OF STAPES-V7:69
 POSTERIOR LIGAMENT OF INCUS-V7:68
 SUPERIOR LIGAMENT OF INCUS-V7:67
 LATERAL LIGAMENT OF MALLEUS-V7:66
 SUPERIOR LIGAMENT OF MALLEUS-V7:65
 ANTERIOR LIGAMENT OF MALLEUS-V7:64
 The following ligaments are difficult to expose in an ordinary dissection:
 LIGAMENTS OF THE AUDITORY OSSICLES-V7:63
 SYMPHYSEAL OF STAPES AND TYMPANUM-V7:62
 ARTICULATION BETWEEN INCUS AND STAPES-V7:61
 ARTICULATION BETWEEN INCUS AND MALLEUS-V7:60
 ARTICULATIONS OF THE AUDITORY OSSICLES-V7:59
 ANTERIOR PROCESS-V7:57
 LATERAL PROCESS-V7:57
 MECK-V7:56

12. External acoustic meatus-V7:82

The interior is exposed by removing (with a bone forceps and oblique) the anterior wall of the external acoustic meatus, guarding against injury to the tympanic membrane.
 EXTERNAL ACUSTIC FORNIX-V8:25
 TYMPANIC INCISUR-V8:27
 CARTILAGINOUS EXTERNAL ACUSTIC MEATUS-V8:26
 CARTILAGE OF ACUSTIC MEATUS-V8:26-27
 The article of the external ear has been dealt with under Section I:4.

13. Intratemporal course of the facial, intermediate and acoustic nerves

The apical portion of the temporal bone has already been removed, X:12a, and the upper part of the petrous part of the bone may now be removed by a horizontal saw-cut just above the roof of the internal acoustic meatus, the cut extending laterally into the tympanum. In relation to the mastoid wall of the tympanum attention has already been directed to the prominence of the facial canal in which runs the facial nerve, X:12a. This canal may now be opened with a bone forceps and chisel, followed into the labyrinthine wall of the tympanum, the roof of the internal acoustic meatus removed and the facial nerve exposed through the superior part of the facial canal. The inferior part of the facial canal may be demonstrated by removing the bone posterior and lateral to it by means of the two following saw-cuts: a) a frontal (vertical) line; b) a sagittal (vertical) line posterior to the stylomastoid foramen; c) a sagittal (vertical) line anterior to the stylomastoid foramen; and just lateral to the stylomastoid foramen to meet the first cut, removing the exposed bone with a bone forceps and chisel.

FACIAL NERVE-V7:47

GENU OF THE FACIAL NERVE-V7:48

GENICULAR GANGLION-V7:49

STAPEDIAL NERVE-V7:50

ANASTOMOSING RANUS WITH THE TYMPANIC PLEXUS-V7:51

INTERMEDIATE NERVE-V7:52

GREATER SUPERFICIAL PETROSAL NERVE-66:59

This nerve, while transmitting sensory fibers of the intermediate nerve, is classed systematically with the sphenopalatine ganglion and not as a branch of the intermediate nerve.

CHORDA TYMPANI-67:64

ACOUSTIC NERVE-67:65

XI. Brain: General Characteristics, Meninges, Blood Vessels and Cerebral Nerves1. Larger subdivisions of the brain

For the removal of the brain see II:2a. A demonstration of its structures can best be undertaken in a specimen which has been hardened in formalin.

The following subdivisions of the brain may be identified by inspection without disturbing the meninges and blood vessels.

ENCEPHALON OR BRAIN-59:10

RHOMBENCEPHALON-59:11

MYELENCEPHALON-59:12

MEDULLA OBLONGATA-59:13

METENCEPHALON-60:18

PONS-60:19

CEREPELLUM-60:53

CEREBRUM-61:36

MESENCEPHALON-61:40

PROSENCEPHALON-62:12

DIENCEPHALON-62:13

Cannot be favorably demonstrated in the intact brain.

TELENCEPHALON-63:5

Subdivided into hemispheres-63:6 separated by the longitudinal fissure of the cerebrum-63:8.

2. Meninges and blood vessels of the brain

Some of the following structures have already been listed in connection with the removal of the brain II:1.

a. Meninges-65:32

DURA MATER OF BRAIN-65:33

FALX CEREBRI-65:34

TENTORIUM CEREBELLI-65:35

FALX CEREBELLI-65:36

DIAPHRAGMA SELLAE-65:37

FORAMEN DIAPHRAGMATICUM-65:38

INCISURA TENTORII-65:39

ARACHNOID OF BRAIN-65:45

SUBARACHNOID CAVITY-65:46

SUBARACHNOID CISTERNS-65:47

The structural characteristics of the subarachnoid cisterns may be demonstrated by making a median sagittal incision through the arachnoid membrane in the region of the anterior surface of the medulla oblongata and pons and

carefully reflecting the two flaps of the arachnoid laterally.

CISTERNA CEREBELLOMEDULLARY^{xx}-65:48

CISTERNA FOSSAE LATERALIS CEREBRI SYLVII^{xx}-65:49

CISTERNA CHIASMATIS^{xx}-65:50

CISTERNA INTERPEDUNCULARIS^{xx}-65:51

CISTERNA VENAE MAGNAE CEREBRI^{xx}-65:52

ARACHNOIDAL GRANULATIONS-65:52 See also II:1/

PIA MATER OF THE BRAIN-65:54

b. Blood vessels of the brain

Demonstrated by carefully removing the arachnoid membrane with scissors and forceps so far as this can be done without injuring or lacerating the brain itself.

VERTEBRAL ARTERY-48:21

POSTERIOR SPINAL ARTERY^{xx}-48:23

ANTERIOR SPINAL ARTERY^{xx}-48:24

POSTERIOR INFERIOR CEREBELLAR ARTERY-48:26

BASILAR ARTERY-48:27

ANTERIOR INFERIOR CEREBELLAR ARTERY-48:28

INTERNAL AUDITORY ARTERY^{xx}-48:29

PONTINE RAMI^{xx}-48:30

SUPERIOR CEREBELLAR ARTERY-48:31

POSTERIOR CEREBELLAR ARTERY-48:32

ARTERIAL CIRCLE OF WILLIS-48:33

INTERNAL CAROTID ARTERY-47:68

POSTERIOR COMMUNICATING ARTERY-48:15

CHORIOID ARTERY^{xx}-48:16

ANTERIOR CEREBRAL ARTERY-48:17

ANTERIOR COMMUNICATING ARTERY-48:18

MIDDLE CEREBRAL ARTERY-48:19

VEINS OF THE BRAIN-53:41

For the sinuses of the dura mater see II;2c. The cerebral veins are tributaries of these sinuses. The deeper veins cannot be favorably demonstrated at the present stage of the dissection; the following veins are superficial in position:

SUPERIOR CEREBRAL VEINS-53:42

MIDDLE CEREBRAL VEINS-53:43

INFERIOR CEREBRAL VEINS-53:44

SUPERIOR CEREBELLAR VEINS-53:45

INFERIOR CEREBELLAR VEINS-53:46

BASAL VEIN-53:51

3. Base of the brain and the cerebral nerves

a. Base of the brain

Exposed by removing (with a forceps and scissors) the remaining parts of meninges and blood vessels from the base of the brain, care being taken to guard against the tearing away of the cerebral nerves.

CEREBRAL PEDUNCLES-61:46

OPTIC CHIASMA-62:36

OPTIC TRACT-62:33

INTERPEDUNCULAR FOSSA-61:42

ANTERIOR RECESS^{xx}-61:43

POSTERIOR RECESS^{xx}-61:44

POSTERIOR PERFORATED SUBSTANCE-61:45

MAMILLARY BODIES-62:26

carefully reflecting the two flaps of the arachnoid

- INTERNAL CAROTID ARTERY-45:12
- INTERNAL CAROTID VEIN-45:12
- INTERNAL CAROTID FORAMEN-45:12
- INTERNAL CAROTID CANAL-45:12
- INTERNAL CAROTID TUBER-45:12
- INTERNAL CAROTID SINUS-45:12
- INTERNAL CAROTID ANGIOBLAST-45:12
- INTERNAL CAROTID ANGIOBLAST-45:12
- INTERNAL CAROTID ANGIOBLAST-45:12
- INTERNAL CAROTID ANGIOBLAST-45:12

VIA WATER OF THE BRAIN-45:12

2. Blood vessels of the brain

Demonstrated by carefully removing the arachnoid membrane with a scalpel and forceps so far as this can be done without injuring or incising the brain itself.

- VERTEBRAL ARTERY-45:12
- POSTERIOR SPINAL ARTERY-45:12
- ANTERIOR SPINAL ARTERY-45:12
- POSTERIOR INFERIOR CEREBELLAR ARTERY-45:12
- BASILAR ARTERY-45:12
- ANTERIOR INFERIOR CEREBELLAR ARTERY-45:12
- INTERNAL AULINARY ARTERY-45:12
- POSTERIOR AULINARY ARTERY-45:12
- POSTERIOR CEREBELLAR ARTERY-45:12
- POSTERIOR CEREBELLAR ARTERY-45:12
- ARTERIAL CIRCLE OF WILLIS-45:12
- INTERNAL CAROTID ARTERY-45:12
- POSTERIOR COMMUNICATING ARTERY-45:12
- CHOROIDEAL ARTERY-45:12
- ANTERIOR CEREBRAL ARTERY-45:12
- ANTERIOR COMMUNICATING ARTERY-45:12
- MIDDLE CEREBRAL ARTERY-45:12

VEINS OF THE BRAIN-45:12

For the names of the veins of the brain see 45:12. The cerebral veins are distributed of these shapes. The deeper veins cannot be favorably demonstrated at the present stage of the dissection; the following veins are superficial in position:

- EXTERNAL CEREBRAL VEIN-45:12
- MIDDLE CEREBRAL VEIN-45:12
- INTERNAL CEREBRAL VEIN-45:12
- INTERNAL CEREBELLAR VEIN-45:12
- INTERNAL CEREBELLAR VEIN-45:12
- INTERNAL CEREBELLAR VEIN-45:12
- INTERNAL CEREBELLAR VEIN-45:12

3. Base of the brain and the cerebral nerves

a. Base of the brain

Exposed by turning back a forceps and separating the remaining parts of meninges and blood vessels from the base of the brain, care being taken to keep the surface of the cerebral nerves.

- OPTIC CHIASM-45:12
- OPTIC TRACT-45:12
- INTERNAL CAROTID ARTERY-45:12
- INTERNAL CAROTID VEIN-45:12
- INTERNAL CAROTID FORAMEN-45:12
- INTERNAL CAROTID CANAL-45:12
- INTERNAL CAROTID TUBER-45:12
- INTERNAL CAROTID SINUS-45:12
- INTERNAL CAROTID ANGIOBLAST-45:12
- INTERNAL CAROTID ANGIOBLAST-45:12
- INTERNAL CAROTID ANGIOBLAST-45:12
- INTERNAL CAROTID ANGIOBLAST-45:12

TUBER CINEREUM-62:28
INFUNDIBULUM-62:29
LONGITUDINAL FISSURE OF CEREBRUM-63:8
LATERAL FISSURE OF CEREBRUM-63:16
PONS-60:19
MEDULLA OBLONGATA-59:13

b. Cerebral nerves

OLFACTORY NERVES-66:3
OPTIC NERVE-66:4
OCULOMOTOR NERVE-66:5
TROCHLEAR NERVE-66:9
TRIGEMINAL NERVE-66:11
 PORTIO MAJOR-66:12
 PORTIO MINOR-66:14
ABDUCENS NERVE-67:46
FACIAL NERVE-67:47
 INTERMEDIATE NERVE-67:63
ACOUSTIC NERVE-67:65
 VESTIBULAR ROOT-67:66
 COCHLEAR ROOT-67:67
GLOSSOPHARYNGEAL NERVE-68:8
VAGUS NERVE-68:22
ACCESSORY NERVE-68:57
HYPOGLOSSAL NERVE-68:60

XII. Brain: Surface Anatomy of the Rhombencephalon and Mesencephalon

1. Rhombencephalon-59:11

To facilitate the exposure of structures in the rhombencephalon and mesencephalon the following incisions may be made for the removal of the right hemisphere of the cerebrum and the right half of the cerebellum: a) with a sharp, thin knife making a transverse incision through the right cerebral peduncle just behind the right corpus mamillare, pressing apart the two cerebral hemispheres, exposing the corpus callosum and beginning at the corpus callosum, making a nearly median sagittal incision through all the structures in the middle line of the prosencephalon; the latter incision should preferably pass slightly to the left of the midline, leave the septum pellucidum attached to the right hemisphere, and then carried posteriorly until it meets the transverse incision just made through the cerebral peduncle and thus detaching the right cerebral hemisphere; b) in the same manner a second median sagittal incision is made through the vermis of the cerebellum, guarding against cutting into the floor of the fourth ventricle but carrying the incision forward through the anterior medullary velum as far as the inferior colliculi of the mesencephalon; finally by cutting through the brachium conjunctivum, brachium pontis and the corpus restiforme on the right, the right half of the cerebellum is detached, (both the right cerebral hemisphere and the right half of the cerebellum being transferred to preserving fluid for later reference.)

a. Medulla oblongata-59:13

POSTERIOR MEDIAN FISSURE-59:14
ANTERIOR MEDIAN FISSURE-59:15
FORAMEN CAECUM-59:16
PYRAMID-59:17
DECUSSATION OF PYRAMIDS-59:18
ANTERIOR LATERAL SULCUS-59:19
POSTERIOR LATERAL SULCUS-59:20
OLIVE-59:21
RESTIFORM BODY-59:22
FUNICULUS LATERALIS-59:23
FUNICULUS CUNEATUS-59:24
TUBERCULUM CINEREUM-59:25
FUNICULUS GRACILIS-59:26
CLAVA-59:27
EXTERNAL ARCUATE FIBERS-59:28

b. Pons-60:19

BASILAR SULCUS-60:20
BRACHIUM PONTIS-60:23

c. Isthmus of rhombencephalon-61:25

BRACHIUM CONJUNCTIVUM-61:26
LEMNISCUS-61:2
TRIGONUM LEMNISCII-61:30
ANTERIOR MEDULLARY VELUM-61:31
FRENULUM OF ANTERIOR MEDULLARY VELUM-61:32

d. Cerebellum

GYRI OF THE CEREBELLUM-60:54
SULCI OF THE CEREBELLUM-60:55
VALLECULA CEREBELLI-60:56
INCISURA CEREBELLI ANTERIOR-60:57
INCISURA CEREBELLI POSTERIOR-60:58
HORIZONTAL SULCUS-60:59
TRANSVERSE FISSURE^{xx}-60:60
VERMIS-60:61
LINGULA CEREBELLI-60:62, 63
CENTRAL LOBE-60:64
MONTICULUS-60:65
CULMEN-60:66
DECLIVE-60:67
FOLIUM VERMIS-60:68
TUBER VERMIS-60:69
UVULA-60:71
NODULE-60:72
HEMISPHERE OF CEREBELLUM-60:73
SUPERIOR SURFACE-60:14
ALALLOBULI CENTRALIS-60:75
LOBULUS QUADRANGULARIS-60:76
PARS ANTERIOR-60:77
PARS POSTERIOR-60:78
LOBULUS SEMILUNARIS SUPERIOR-61:1
INFERIOR SURFACE-61:2
LOBULUS SEMILUNARIS INFERIOR-61:3
LOBULUS BIVENTER-61:4
TONSIL OF CEREBELLUM-61:5
FLOCCULUS-61:6

a. Medulla oblongata-59:13

POSTERIOR MEDIAN FISSURE-59:14
 ANTERIOR MEDIAN FISSURE-59:15
 FORAMEN CEREBRUM-59:16
 PYRAMIDS-59:17
 DECUSSATION OF PYRAMIDS-59:18
 ANTERIOR LATERAL SULCUS-59:19
 POSTERIOR LATERAL SULCUS-59:20
 OLIVE-59:21
 RESTIFORM BODY-59:22
 FUNICULUS LATERALIS-59:23
 FUNICULUS CUNEATUS-59:24
 TUBERCULUM CINETRUM-59:25
 FUNICULUS GRACILIS-59:26
 CLAVA-59:27
 EXTERNAL ARCHAIC FIBERS-59:28

b. Pons-60:29

BASILAR SULCUS-60:30
 BRACHIIUM PONTIS-60:31

c. Truncus of rhombencephalon-61:32

BRACHIIUM CONJUNCTIVUM-61:33
 LEMNISCUS-61:34
 TRIGONUM LEMNISCAL-61:35
 ANTERIOR MEDULLARY VELUM-61:36
 FRENULUM OF ANTERIOR MEDULLARY VELUM-61:37

d. Cerebellum

GYRI OF THE CEREBELLUM-60:34
 SULCI OF THE CEREBELLUM-60:35
 VALLICULA CEREBELLARIS-60:36
 INCISURA CEREBELLARIS ANTERIOR-60:37
 INCISURA CEREBELLARIS POSTERIOR-60:38
 HORIZONTAL SULCUS-60:39
 TRANSVERSE FISSURE-60:40
 VERMIS-60:41
 LINGULA CEREBELLARIS-60:42
 CENTRAL LOBE-60:43
 MONTICULUS-60:44
 CULMEN-60:45
 DECULVUS-60:46
 FOLIUM VERMIS-60:47
 TUBER VERMIS-60:48
 UVA-60:49
 NODULE-60:50
 MEMBRANE OF CEREBELLUM-60:51
 SUPERIOR SURFACE-60:52
 ALLOBULUS CEREBELLARIS-60:53
 LOBULUS QUADRANGULARIS-60:54
 PARS ANTERIOR-60:55
 PARS POSTERIOR-60:56
 LOBULUS SEMIOVALIS SUPERIOR-61:57
 INFERIOR SURFACE-61:58
 LOBULUS SEMIOVALIS INFERIOR-61:59
 LOBULUS FIVENTR-61:60
 TONSTIN OF CEREBELLUM-61:61

2. Fourth ventricle-59:58a. Floor of the fourth ventricle

RHOMBOID FOSSA-59:59

PARS INFERIOR [CALAMUS SCRIPTORIUS]-59:60

PARS INTERMEDIA-59:62

LATERAL RECESS-59:63

PARS SUPERIOR-59:64

SULCUS LIMITANS-59:65

FOVEA INFERIOR-59:66

FOVEA SUPERIOR-60:1

TRIGONUM N. HYPOGLOSSI-60:2

STRIAE MEDULLARES-60:3

EMINENTIA MEDIALIS-60:4

COLLICULUS FACIALIS-60:5

ALA CINEREA-60:6

AREA ACUSTICA-60:7

LOCUS CAERULEUS-60:8

b. Roof of the fourth ventricle-60:9

POSTERIOR MEDULLARY VELUM-60:10

TAENIA VENTRICULI QUARTI-60:11

OBEX-60:12

EPITHELIAL CHOROID LAYER-60:13

MEDIAN APERTURE [FORAMEN OF MAGENDIE]-60:14

LATERAL APERTURE-60:16

FASTIGIUM-60:17

3. Mesencephalon-61:40

For structures relative to the inferior surface of the mesencephalon-61:41-45, see XI:3a.

CEREBRAL PEDUNCLES-61:46

AQUAEDUCTUS CEREBRI-61:47

SULCUS LATERALIS-61:48

SULCUS N. OCULOMOTORII-61:49

QUADRIGEMINAL BODIES-62:1

LAMINA QUADRIGEMINA-62:2

COLLICULUS SUPERIOR-62:3

COLLICULUS INFERIOR-62:4

BRACHIUM QUADRIGEMINUM SUPERIUS-62:5

BRACHIUM QUADRIGEMINUM INFERIUS-62:6

XIII. Brain: Surface Anatomy of the Prosencephalon11 General subdivisions of the prosencephalon

The remaining cerebral hemisphere may be detached by carefully cutting through the left cerebral peduncle just posterior to the left mamillary body, the rhombencephalon and mesencephalon being transferred to preserving fluid for a later reference.

PROSENCEPHALON-62:12

DIENCEPHALON-62:13

THALAMENCEPHALON-62:51

PARS MAMILLARIS HYPOTHALAMI-62:25

TELENCEPHALON-63:5

Formal Verdict - 07:08

of the day at 10:30.

[illegible]

6:00 - 6:30 - 6:45

8100-REPAIR LABORATORY AIRCRAFT
8100-XERO
8100-REPAIR OF TANKS AND JALUNTINE
8100-REPAIR OF AIRCRAFT ENGINE
8100-REPAIR OF AIRCRAFT ENGINE
8100-REPAIR OF AIRCRAFT ENGINE

[illegible][illegible]

4. The following information is to be used in the preparation of the report:

7-1-1944

The remaining external disfigurement may be relieved by carefully cutting through the left carpal ligament just posterior to the left scaphoid body. The excision and amputation being planned to preserve hand for future replacement.

PROSTHETIC 2-12
 DENTITION 2-13
 THALASSEMIAS 2-11
 TARE MAMMARY 2-10
 THERAPY 2-10

HEMISPHERE-63:6

EARS OPTICA HYPOTHALAMI-62:27

2. Telencephalona. Pallium: general characteristics

LONGITUDINAL FISSURE OF CEREBRUM-63:8

TRANSVERSE FISSURE OF CEREBRUM-63:9

SULCI OF THE CEREBRUM-63:13

GYRI OF THE CEREBRUM-63:10

GYRI PROFUNDI-63:11

GYRI TRANSITIVI-63:12

GRAY SUBSTANCE-58:5

WHITE SUBSTANCE-58:4

PETROSAL IMPRESSION-63:14

LATERAL CEREBRAL FOSSA-63:15

LATERAL CEREBRAL FISSURE SYLVIAN -63:16

POSTERIOR RAMUS-63:17

ASCENDING ANTERIOR RAMUS-63:18

HORIZONTAL ANTERIOR RAMUS-63:19

The pallium as a whole is subdivided into the following five lobes and related fissures and sulci:

LATERAL CEREBRAL FISSURE [SYLVIAN]-63:16

CENTRAL SULCUS-63:30

PARIETO-OCCIPITAL FISSURE-64:12

COLLATERAL FISSURE-63:60

CIRCULAR SULCUS-63:25

FRONTAL LOBE-63:33

TEMPORAL LOBE-63:50

OCCIPITAL LOBE-63:63

PARIETAL LOBE-63:70

INSULA-63:21

b. Lobes of the cerebrum

FRONTAL LOBE-63:33

FRONTAL POLE-63:34

ANTERIOR CENTRAL GYRUS-63:31

PRECENTRAL SULCUS-63:35

SUPERIOR FRONTAL GYRUS-63:36

SUPERIOR FRONTAL SULCUS-63:37

MIDDLE FRONTAL GYRUS-63:38

PARS SUPERIOR-63:39

PARS INFERIOR-63:40

INFERIOR FRONTAL SULCUS-63:41

INFERIOR FRONTAL GYRUS-63:42

PARS OPERCULARIS-63:43

PARS TRIANGULARIS-63:44

PARS ORBITALIS-63:45

STRAIGHT GYRUS-63:46

OLFACTORY SULCUS-63:47

ORBITAL GYRI-63:48

ORBITAL SULCI-63:49

PARIETAL LOBE-63:70

POSTERIOR CENTRAL GYRUS-63:32

SUPERIOR PARIETAL LOBULE-63:71

INTERPARIETAL SULCUS-63:72

INFERIOR PARIETAL LOBULE-63:73

2. Telencephalon

a. Pallidum: general characteristics

LONGITUDINAL FISSURE OF CEREBRUM-63:18

TRANSVERSE FISSURE OF CEREBRUM-63:19

SULCI OF THE CEREBRUM-63:19

GYRI OF THE CEREBRUM-63:19

GYRI PROFUNDI-63:19

GYRI TRANSVERSII-63:19

GRAY SUBSTANCE-63:19

WHITE SUBSTANCE-63:19

PETROSAL IMPRESSION-63:19

LATERAL CEREBRAL FOSSA-63:19

LATERAL CEREBRAL FISSURE SYLVIAN-63:19

POSTERIOR RAMUS-63:19

ASCENDING ANTERIOR RAMUS-63:19

HORIZONTAL ANTERIOR RAMUS-63:19

The pallidum as a whole is subdivided into the following five lobes and related fissures and sulci:

LATERAL CEREBRAL FISSURE [SYLVIAN]-63:19

CENTRAL SULCUS-63:19

PARIETO-OCCIPITAL FISSURE-63:19

COLLATERAL FISSURE-63:19

CIRCULAR SULCUS-63:19

FRONTAL LOBE-63:19

TEMPORAL LOBE-63:19

OCCIPITAL LOBE-63:19

PARIETAL LOBE-63:19

INSULA-63:19

b. Lobes of the cerebrum

FRONTAL LOBE-63:19

FRONTAL POLE-63:19

ANTERIOR CENTRAL GYRUS-63:19

PRECENTRAL SULCUS-63:19

SUPERIOR FRONTAL GYRUS-63:19

SUPERIOR FRONTAL SULCUS-63:19

MIDDLE FRONTAL GYRUS-63:19

PARA SUPERIOR-63:19

PARA INFERIOR-63:19

INFERIOR FRONTAL GYRUS-63:19

INFERIOR FRONTAL GYRUS-63:19

PARA TEMPORALIS-63:19

PARA TEMPORALIS-63:19

PARA ORBITALIS-63:19

SPALM GYRUS-63:19

OLFACTORY SULCUS-63:19

ORBITAL GYRI-63:19

ORBITAL SULCI-63:19

PARIETAL LOBE-63:19

POSTERIOR CENTRAL GYRUS-63:19

SUPERIOR PARIETAL LOBE-63:19

INFERIOR PARIETAL LOBE-63:19

- SUPRAMARGINAL GYRUS-63:74
- ANGULAR GYRUS-63:75
- TEMPORAL LOBE-63:50
 - TEMPORAL POLE-63:51
 - TRANSVERSE TEMPORAL SULCI-63:52
 - TRANSVERSE TEMPORAL GYRI-63:53
 - SUPERIOR TEMPORAL GYRUS-63:54
 - SUPERIOR TEMPORAL SULCUS-63:55
 - MIDDLE TEMPORAL GYRUS-63:56
 - MIDDLE TEMPORAL SULCUS-63:57
 - INFERIOR TEMPORAL GYRUS-63:58
 - INFERIOR TEMPORAL SULCUS-63:59
 - COLLATERAL FISSURE-63:60
 - FOLIOFORM GYRUS-63:61
 - LINGUAL GYRUS-63:62
- OCCIPITAL LOBE-63:63
 - OCCIPITAL POLE-63:64
 - TRANSVERSE OCCIPITAL SULCUS-63:65
 - SUPERIOR OCCIPITAL GYRI-63:66
 - SUPERIOR OCCIPITAL SULCI-63:67
 - LATERAL OCCIPITAL GYRI-63:68
 - LATERAL OCCIPITAL SULCI-63:69
- INSULA-63:21
 - OPERCULUM-63:26
 - PARS FRONTALIS-63:27
 - PARS PARIETALIS-63:28
 - PARS TEMPORALIS-63:29
 - GYRI INSULAE-63:22
 - Exposed by pulling apart the margins of the lateral fissure, cutting away a part of the operculum if necessary.
 - GYRUS LONGUS INSULAE-63:23
 - GYRI BREVES INSULAE-63:24
 - SULCUS CENTRALIS-63:30
 - SULCUS CIRCULARIS-63:25
- c. Medial surface of the hemisphere-63:76
 - SULCUS CORPORIS CALLOSI-63:77
 - SULCUS CINGULI-63:78
 - PARS SUBFRONTALIS-63:79
 - PARS MARGINALIS-64:1
 - SULCUS SUBPARIETALIS-64:2
 - FISSURA HIPPOCAMPI-64:3
 - In the fissura hippocampi the fascia dentata hippocampi-64:56, and the fimbria hippocampi-64:53, may be observed.
 - GYRUS FORNICATUS-64:4
 - GYRUS CINGULI-64:5
 - ISTHMUS GYRI FORNICATI-64:6
 - GYRUS HIPPOCAMPI-64:4
 - UNCUS-64:8
 - SUBSTANTIA RETICULARIS ALBA-64:9
 - LOBULUS PARACENTRALIS-64:10
 - PRAECUNEUS-64:11
 - FISSURA PARIETOCCIPITALIS-64:12
 - FISSURA CALCARINA-64:13
 - SEMPER-64:14

SUPRAMARGINAL GYRI--63:74
 ANGULAR GYRI--63:75
 TEMPORAL LOBE--63:50
 TEMPORAL POLE--63:51
 TRANSVERSE TEMPORAL SULCI--63:52
 TRANSVERSE TEMPORAL GYRI--63:53
 SUPERIOR TEMPORAL GYRI--63:54
 SUPERIOR TEMPORAL SULCI--63:55
 MIDDLE TEMPORAL GYRI--63:56
 MIDDLE TEMPORAL SULCI--63:57
 INFERIOR TEMPORAL GYRI--63:58
 INFERIOR TEMPORAL SULCI--63:59
 COLLATERAL FISSURE--63:60
 FILIFORM GYRI--63:61
 LINGUAL GYRI--63:62
 OCCIPITAL LOBE--63:63
 OCCIPITAL POLE--63:64
 TRANSVERSE OCCIPITAL SULCI--63:65
 SUPERIOR OCCIPITAL GYRI--63:66
 SUPERIOR OCCIPITAL SULCI--63:67
 LATERAL OCCIPITAL GYRI--63:68
 LATERAL OCCIPITAL SULCI--63:69
 INSULA--63:71
 OPERCULUM--63:72
 PARS FRONTALIS--63:73
 PARS PARIETALIS--63:74
 PARS TEMPORALIS--63:75
 GYRI INSULAE--63:76
 Exposed by pulling apart the margins of the lateral fissure
 cutting away a part of the periculum if necessary.
 GYRI LONGI INSULAE--63:77
 GYRI BREVES INSULAE--63:78
 SULCUS CENTRALIS--63:79
 SULCUS CIRCULARIS--63:80

c. Medial surface of the hemisphere--63:81
 SULCUS CORPORA CALLOSI--63:82
 SULCUS CINGULI--63:83
 PARS SUBPARIETALIS--63:84
 PARS MARGINALIS--63:85
 SULCUS SUBPARIETALIS--63:86
 FISSURA HIPPOCAMPALIS--63:87
 In the fissure hippocampal the fascia dentata hippocampi--64:88
 and the limbic hippocampi--64:89, may be observed.
 GYRI FORNICATI--64:90
 GYRI CINGULI--64:91
 Isthmus GYRI FORNICATI--64:92
 GYRI HIPPOCAMPALIS--64:93
 UNCUS--64:94
 SUBSTANTIA RETICULARIS ALBA--64:95
 LOBUS PARACENTRALIS--64:96
 PRÆCUNEUS--64:97
 FISSURA PARIETOCENTRALIS--64:98
 FISSURA CALCARINA--64:99
 THALAMUS--64:100

d. Rhinencephalon-64:58

SULCUS PAROLFATORIUS ANTERIOR-64:59

PARS ANTERIOR-64:60

LOBUS OEFATORIUS-64:61

BULBUS OLFATORIUS-64:62

TRACTUS OLFATORIUS-64:63

TRIGONUM OLFATORUM-64:64

STRIA MEDIALIS-64:65

STRIA INTERMEDIA-64:66

AREA PAROLFATORIA-64:67

SULCUS PAROLFATORIUS POSTERIOR-64:68

PARS POSTERIOR-64:69

GYRUS SUBCALLOSUS-64:70

SUBSTANTIA PERFORATA ANTERIOR-64:71

STRIA OLFATORIA LATERALIS-64:72

LIMEN INSULAE-64:73

e. Hypothalamus-62:24

PARS OPTICA HYBOTHALAMI-62:27

Only the optic part of the hypothalamus is in relation to the telencephalon; the mamillary part-62:25, includes the corpus mamillare-62:26.

TUBER CINEREUM-62:28

INFUNDIBULUM-62:29

HYPOPHYSIS-62:30

LOBUS ANTERIOR-62:31

LOBUS POSTERIOR-62:32

TRACTUS OPTICUS-62:33

RADIX MEDIALIS-62:34

RADIX LATERALIS-62:35

CHIASMA OPTICUM-62:36

LAMINA TERMINALIS-62:37

f. Corpus callosum-64:15

The corpus callosum may be demonstrated by slicing off the upper part of the right hemisphere at the level of the sulcus cinguli (incidentally exposing the centrum semiovale-64:76), cutting transversely through the middle of the gyrus cinguli and carefully tearing away the anterior and posterior parts of the gyrus cinguli, exposing at the same time parts of the radiatio corporis callosi-65:6-11, and the cingulum-65:2.

SPLENIUM CORPORIS CALLOSI-64:16

TRUNCUS CORPORIS CALLOSI-64:17

GENU CORPORIS CALLOSI-64:18

ROSTRUM CROPORIS CALLOSI-64:19

LAMINA ROSTRALIS-64:20

STRIAE TRANSVERSAE-64:21

STRIA LONGITUDINALIS MEDIALIS-64:22

STRIA LONGITUDINALIS LATERALIS-64:23

FASCIOLA CINEREA-64:24

g. Ventriculus lateralis-64:35

The lateral ventricle may be exposed by making the following dissections: a) making a longitudinal incision through the corpus callosum about 1 cm. from the medial sagittal plane, reflect lateralward and detach the part of the corpus callosum lateral to the incision, taking care to leave in situ the part of the corpus callosum medial to

The internal ventricle may be exposed by making the following incision: a) making a longitudinal incision through the corpus callosum about 1 cm. from the medial sagittal sinus; b) lifting and turning the part of the corpus callosum incised to the incision, and c) making an incision in the part of the corpus callosum which is

the incision and the pars occipitalis of the radiatio corporis callosi-65:10; b) cutting backward and lateralward through the medullary substance forming the roof of the ventricular cavity, remove enough of the roof to expose the interior of the central part of the cavity; c) to open the inferior cornu extend the preceding incision downward and forward through the lateral part of the temporal lobe towards the temporal pole, following the course of the cavity (which lies nearly parallel to the superior temporal sulcus), and remove the part of the temporal lobe superior to this incision together with the pars temporalis of the operculum-63:26, but guarding the insula from injury.

CORNU ANTERIUS-64:37

CAPUT NUCLEI CAUDATI-64:42

PARS CENTRALIS-64:36

NUCLEUS CAUDATUS-64:41

STRIA TERMINALIS-64:44

TERMINAL VEIN-53:50

LAMINA AFFICA-64:45

LAMINA CHORIOIDEA EPITHELIALIS-64:47

PLEXUS CHORIOIDEUS VENTRICULI LATERALIS-65:62

TAENIA CHORIOIDEA-64:64

THALAMUS-62:52 Largely covered by the thorioid plexus.

TAENIA FORNICIS-64:28

CORNU POSTERIUS-64:38

TAPETUM-65:11 With reference only to the roof and lateral wall of the posterior cornu.

CALCAR AVIS-64:48

(BULBUS CORNU POSTERIORIS)-64:49

CORNU INFERIUS-64:39

The mutual relations of the inferior cornu and the insula may be more thoroughly examined by insinuating the fingers beneath the pars frontalis and pars parietalis of the operculum-63:27, 28, and carefully tearing away the cortex in an upward direction. The following two structures are in relation to the inferior wall:

EMINENTIA COLLATERALIS-64:50 Sometimes absent.

TRIGONUM COLLATERALE-64:51

The following structures are in relation to the lateral and superior walls of the inferior cornu:

TAPETUM-65:11

NUCLEUS AMYGDALAE-65:21

STRIA TERMINALIS-64:44

CAUDA NUCLEI CAUDATI-64:43

In relation to the medial wall the following structures may be observed:

HIPPOCAMPUS-64:52

DIGITATIONES HIPPOCAMPI-64:55

FIMBRIA HIPPOCAMPI-64:53

CHORIOID PLEXUS-65:62

TAENIA FIMBRIAE-64:54

h. Septum pellucidum, fornix and tela chorioidea

The septum pellucidum and fornix are exposed by cutting through the occipital part of the radiation of the corpus callosum (of the right hemisphere) and through the fimbria hippocampi at the point where it passes into the crus fornicis, then carrying the knife anteriorly from the anterior end of the inferior horn, above the level of the uncus,

the incision and the more cephalic of the parietal foramina (about 5-10; 5) cutting backward and laterally through the modularly substance leaving the root of the ventricular cavity, remove enough of the root to expose the interior of the central part of the cavity; c) to open the incision some extend the preceding incision downward and forward through the lateral part of the temporal lobe towards the temporal pole, following the course of the cavity (which lies nearly parallel to the superior temporal sulcus), and remove the part of the temporal lobe superior to this incision together with the parietal foramina of the operculum-53:85, but guarding the insula from injury.

CORNUTUM ANTERIOR-54:37
CAPUT NUCLEI CAUDATI-54:43
PARS CENTRALIS-54:35
NUCLEUS CAUDATUS-54:41
STRIA TERMINALIS-54:44
TERMINAL VERN-53:50
LAMINA OPTICA-54:45
LAMINA CHORIOIDEA HYPERBOLICA-54:47
PLEXUS CHORIOIDEUS VENTRICULI LATERALIS-53:53
TARMA CHORIOIDEA-54:54
THALAMUS-53:55 largely covered by the sphenoid plexus.
TARMA TERTIA-54:53

CORNUTUM POSTERIOR-54:56
TARMA-53:51 in reference only to the root and lateral wall of the posterior cornu.
CALCAR AVIS-54:46
(BULBUS CORNUTUM POSTERIORIS)-54:49
CORNUTUM INTERIUS-54:52

The medial relations of the inferior cornu and the insula may be more thoroughly examined by incising the fingers beneath the parietal foramina and parietal of the operculum-53:87, 88, and carefully tearing away the cortex in an upward direction. The following two structures are in relation to the inferior wall:

EXHIBITA COLLATERALIS-54:50 sometimes absent.
TRIGONUM COLLATERALE-54:51

The following structures are in relation to the lateral and superior walls of the inferior cornu:

TARMA-53:51
NUCLEUS AMYGDALAE-53:51
STRIA TERMINALIS-54:44
CAPUT NUCLEI CAUDATI-54:43

In relation to the medial wall the following structures may be observed:

HYPOCAMBUS-54:52
TESTICULUS HYPOCAMPI-54:52
TARMA HYPOCAMPI-54:52
CHOROID PLEXUS-54:52
TARMA FIBRILAS-54:52

h. Section palmaris (lateral) and its relations

The corpus palmaris and flexor are exposed by cutting through the occipital part of the substance of the corpus callosum (of the right hemisphere) and through the lateral hemisphere of the corpus callosum (of the left hemisphere), then entering the white substance from the anterior end of the inferior horn, above the level of the uncus

through the temporal pole, separating the temporal lobe, together with the hippocampal gyrus medial to it, from the remainder of the brain along the line of the transverse fissure of the cerebrum; finally paring away enough of the cut edge of the medial part of the corpus callosum necessary to satisfactorily demonstrate the septum pellucidum and fornix.

SEPTUM PELLUCIDUM-64:32

LAMINA SEPTI PELLUCIDI-64:33

CAVUM SEPTI PELLUCIDI-64:34

Exposed by cutting through the remaining medial part of the corpus callosum just posterior to the genu, carefully detaching it from the septum pellucidum and fornix and separating the two laminae of the septum.

FORNIX-64:25

CRUS FORNICIS-64:26

CORPUS FORNICIS-64:27

TAENIA FORNICIS-64:28

COLUMNA FORNICIS-64:29

PARS LIBERA COLUMNAE FORNICIS-64:30

PARS TECTA COLUMNAE FORNICIS-64:31

TELA CHORIOIDEA VENTRICULI TERTII-65:60

Exposed by cutting transversely through the middle of the corpus fornicis, carefully raising the two parts of the fornix and reflecting them anteriorly and posteriorly, noting the commissura hippocampi-64:57, situated between the crura of the fornix.

INTERNAL CEREBRAL VEINS-53:47

VEIN OF SEPTUM PELLUCIDUM-53:49

TERMINAL VEIN-53:50

CHORIOID VEIN-53:52

PLEXUS CHORIOIDEUS VENTRICULI LATERALIS-65:62

GLOMUS CHORIOIDEUM-65:63

PLEXUS CHORIOIDEUS VENTRICULI TERTII-65:61

Exposed by dividing the terminal vein at its junction with the internal cerebral vein, seizing the apex of the tela chorioidea and pulling it backwards exposing the cavity of the third ventricle, but guarding against injury to the attachments of the corpus pineale-62:62

2. Thalamencephalon-62:51

a. Thalamus-62:52

PULVINAR-62:53

TUBERCULUM ANTERIUS THALAMI-62:54

TAENIA THALAMI-62:55

STRIA MEDULLARIS-62:56

LAMINA CHORIOIDEA EPITHELIALIS-62:57

b. Metathalamus-62:58

CORPUS GENICULATUM MEDIALE-62:59

CORPUS GENICULATUM LATERALE-62:60

c. Epithalamus-62:61

CORPUS PINEALE-62:62

RECESSUS PINEALIS-62:63

RECESSUS SUPRAPINEALIS-62:64

HABENULA-62:65

through the temporal pole separating the temporal lobe, together with the hippocampal gyrus medial to it, from the remainder of the brain along the line of the transverse fissure of the cerebellum; finally passing away from the outer edge of the medial part of the corpus callosum posteriorly to enter the posterior part of the

pedunculus and foramen.

CAVITY OF THE PELLUCIDUM-64:32

CAVITY OF THE PELLUCIDUM-64:32

Exposed by cutting through the remaining medial part of the corpus callosum just posterior to the genu, carefully detaching it from the superior pedunculus and foramen and separating the two laminae of the system.

FORNIX-64:32

CRUS FORNIX-64:32

CRUS FORNIX-64:32

TABULA FORNIX-64:32

COLUMNA FORNIX-64:32

PARS LIBERA COLUMNA FORNIX-64:32

PARS FECTA COLUMNA FORNIX-64:32

TELA CHOROIDEA VENTRICULI TERTII-64:32

Exposed by cutting transversely through the middle of the corpus callosum, carefully detaching the two parts of the fornix and reflecting them anteriorly and posteriorly, noting the commissure high up and the distance between the crura of the fornix.

INTERNAL CEREBRAL VEIN-64:32

VEIN OF SUPERIOR PELLUCIDUM-64:32

TERMINAL VEIN-64:32

CHOROIDEA VEIN-64:32

PLEXUS CHOROIDEUS VENTRICULI LATERALIS-64:32

GLAND CHOROIDEA-64:32

PLEXUS CHOROIDEUS VENTRICULI TERTII-64:32

Exposed by dividing the terminal vein at its junction with the internal cerebral vein, raising the apex of the vein, choroid plexus and pulling it backward exposing the cavity of the third ventricle, but guarding against injury to the attachments of the corpus pineale-64:32

2. The laminae of the fornix-64:32

a. The laminae-64:32

PURPUR-64:32

TUBERCULUM ANTERIUS THALAMI-64:32

TABULA THALAMI-64:32

TELA MEDULLARIS-64:32

LAMINA CHOROIDEA VENTRICULI-64:32

b. Metastasis-64:32

CRUS CHOROIDEA VENTRICULI-64:32

CRUS CHOROIDEA VENTRICULI-64:32

c. Epistaxis-64:32

CRUS THALAMI-64:32

CRUS THALAMI-64:32

CRUS THALAMI-64:32

CRUS THALAMI-64:32

COMMISSURA HABENULARUM-62:66
TRIGONUM HABENULAE-62:67

3. Ventriculus tertius-82:14

ADITUS AD AQUAEDUCTUM CEREBRI-62:15
COMMISSURA POSTERIOR-62:16
FORAMEN VENTRICULARE-62:17
SULCUS HYPOTHALAMICUS-62:18
MASSA INTERMEDIA-62:19
RECESSUS OPTICUS-62:20
RECESSUS INFUNDIBULI-62:21
COMMISSURA ANTERIOR-62:22
RECESSUS TRIANGULARIS-62:23

XIV. Brain: Sections through the Brain

The majority of the structures to be observed in stained and unstained sections of the brain require a hand lens or microscope for their demonstration. These structures have not been repeated in detail here since they are given complete in part II, as originally listed in the B N A.

1. Structures in section of the medulla oblongata-59:29-57

Exposed in transverse sections made at (a) the level of the decussation of the pyramids; (b) between the decussation of the pyramids and the olives; and (c) through the middle of the olives.

2. Structures in sections of the pons-62:24-52

Demonstrated in transverse sections made at (a) about the junction of the pons and medulla, passing through point of entrance of the acoustic nerve; (b) at the level of the roots of the facial and abducens nerves; (c) at the level of the roots of the trigeminal nerves, and (d) through the anterior medullary velum and the middle of the pons.

3. Structures in sections of the cerebellum-61:10-24

Demon

Demonstrated in the following sections: a) a median sagittal section through the vermis; b) a frontal section through about the middle of one half the cerebellum; and c) a horizontal section through the other half of the cerebellum in the plane of the brachium conjunctivum.

4. Structures in sections of the rhombencephalic isthmus and the mesencephalon.

Demonstrated in transverse sections made (a) through the inferior colliculus at the level of the nucleus of the trochlear nerve; and (b) through the superior colliculus and lateral geniculate body at the level of the roots of the oculomotor nerve and the nucleus ruber.

a. Sections of the isthmus rhombencephali-61:33-35

b. Sections of the pedunculus cerebri-61:50-65

2. Structures in section of the brain

ANTERIOR AGRAFFICULUM CERNENS-22:12
CORPUS CALLOSUM-22:12
FORNIX-22:12
BULB-22:12
MIDBRAIN-22:12
PONS-22:12
MEDULLA-22:12
SPINAL CORD-22:12

XIV. Part: Section through the brain

The majority of the structures so far observed in section and described in section of the brain require a hand drawn or microscopic for their demonstration. Those structures have not been repeated in detail here since they are given complete in part II, as originally listed in the B. N. A.

1. Structures in section of the brain

Exposed in transverse sections made at (a) the level of the base of the brain; (b) between the base of the brain and the level of the olivary; and (c) through the middle of the olivary.

2. Structures in section of the brain

Demonstrated in transverse sections made at (a) about the base of the brain and midline; passing through point of entrance of the olivary; (b) at the level of the base of the brain and midline; (c) at the level of the base of the brain and midline; and (d) through the anterior median sulcus and the middle of the brain.

3. Structures in section of the brain

Demonstrated in the following sections: (a) a median sagittal section through the brain; (b) a frontal section through about the middle of the brain; (c) a horizontal section through the brain; and (d) a coronal section through the brain.

4. Structures in section of the brain

Demonstrated in transverse sections made (a) through the anterior column at the level of the base of the brain; (b) through the superior column and lateral posterior body; (c) through the superior column and lateral posterior body; and (d) through the superior column and lateral posterior body.

5. Section of the brain

6. Section of the brain

c. In sections of the corpora quadrigemina-62:7-115. Structures in sections through the prosencephalon

For the demonstration of these structures, horizontal sections about $\frac{1}{2}$ to 1 cm. thick should be made through the remainder of the right cerebral hemisphere. In the left hemisphere, which should have been retained intact, either vertical frontal or obliquely frontal sections may be made.

The vertical frontal sections should pass through the following regions: a) through the genu of the corpus callosum; b) through the septum pellucidum between the body and rostrum of the corpus callosum; c) through the tips of the temporal lobes; d) through the foramen interventriculare; e) through the corpora mamillaria; f) through the subthalamic region; g) through the upper end of the aqueductus cerebri.

The obliquely frontal sections should all be parallel to the sulcus centralis and pass through the following regions (in accordance with the method of Pitris, 1877): a) through the lobus frontalis about 5 cm. anterior to the sulcus centralis; b) through the pars opercularis of the gyrus frontalis inferior and the corresponding portions of the gyrus medius and gyrus frontalis superior; c) through the middle of the gyrus centralis anterior; d) through the middle of the gyrus centralis posterior; e) through the anterior ends of the lobulus parietalis superior and lobulus parietalis inferior; f) through the posterior part of the cerebrum about 1 cm. anterior to the fissura parietooccipitalis.

In addition to the preceding horizontal and frontal sections, the following sections are especially instructive: a) through the brain in a plane passing parallel to the course of the brachia conjunctive and through them; and b) through the brain in a plane parallel to the course of the cerebral peduncles and through them.

a. Sections of the hypothalamus-62:38-50b. Sections of the thalamencephalon-62:68-73, 63:1-4c. Sections of the telencephalon-64:75-77, 65:1-31XV. Organ of Vision.1. Optic nerve-73:4 See also X:10b.

VAGINAE N. OPTICI-73:5

SPATIA INTERVAGINALIS-73:6

2. Bulbus oculi-73:7

As a rule, the ordinary cadaver material is not favorable for the present purpose and must consequently be supplemented by eyeballs obtained from the ox or pig, in which the various structures may be demonstrated in both fresh specimens and in material hardened in formalin. The conjunctiva and fascia bulbi are caught with a forceps, cut through close to and entirely around the cornea and these structures together with any other soft parts removed from the surface of the sclera, and two hardened eyeballs cut into halves, the one by a sagittal and the other by a coronal section.

2. Sections of the brain and spinal cord

2.1. Sections of the brain and spinal cord

The brain is composed of three main parts, the cerebrum, cerebellum and brain stem. The cerebrum is the largest part and is divided into two halves by a deep groove, the longitudinal fissure. The cerebellum is located at the back and base of the brain, and the brain stem is the part of the brain that connects the cerebrum and cerebellum to the spinal cord.

The brain is divided into three main parts, the cerebrum, cerebellum and brain stem. The cerebrum is the largest part and is divided into two halves by a deep groove, the longitudinal fissure. The cerebellum is located at the back and base of the brain, and the brain stem is the part of the brain that connects the cerebrum and cerebellum to the spinal cord.

The brain is divided into three main parts, the cerebrum, cerebellum and brain stem. The cerebrum is the largest part and is divided into two halves by a deep groove, the longitudinal fissure. The cerebellum is located at the back and base of the brain, and the brain stem is the part of the brain that connects the cerebrum and cerebellum to the spinal cord.

In addition to the cerebrum, cerebellum and brain stem, the brain is also divided into three main parts, the cerebrum, cerebellum and brain stem. The cerebrum is the largest part and is divided into two halves by a deep groove, the longitudinal fissure. The cerebellum is located at the back and base of the brain, and the brain stem is the part of the brain that connects the cerebrum and cerebellum to the spinal cord.

2.2. Sections of the brain and spinal cord

2.3. Sections of the brain and spinal cord

2.4. Sections of the brain and spinal cord

IV. Brain of Vision

1. Optic nerve-VIII. See also VIII.

VAGUE N. OPTIC-VIII
OPTIC NERVE-VIII

2. Optic nerve-VIII

As a rule, the ordinary sensory material is not favorable for the present purpose and must consequently be supplemented by special material from the optic nerve, in which the various structures are demonstrated in detail. The optic nerve and its various branches are shown in the following figures, and the various structures are shown in the following figures.

ANTERIOR POLE-73:8
 POSTERIOR POLE-73:9
 EQUATOR-73:10
 MERIDIANS-73:11
 EXTERNAL AXIS OF EYEBALL-73:12
 INTERNAL AXIS OF EYEBALL-73:13
 OPTIC AXIS-73:14
 [LINE OF VISION]-73:15
 Ophthalmic vesicle^x-73:16
 Ophthalmic cup^x-73:17

3. Tunica fibrosa oculi-73:18

a. Sclera-73:19

Exposed by cutting through the sclera at the equator with a sharp knife and with a scissors carrying the incision completely around the eyeball along the line of the equator (carefully guarding against injury to the black chorioid coat); separating both parts of the sclera from the subjacent structures and reflecting the anterior part forwards, breaking the attachment of the ciliary muscle to its deep surface, and the separating of the posterior part by dividing the fibers of the optic nerve in a plane corresponding to the inner surface of the sclera.

SULCUS SCLERAE-73:20
 RIMA CORNEALIS-73:21
 SINUS VENOSUS SCLERAE-73:22
 LAMINA FUSCA-73:23
 LAMINA CRIBROSA SCLERAE-73:24
 (RAPHE SCLERAE)-73:25
 (FUNICULUS SCLERAE)-73:26

b. Cornea-73:27

ANNULUS CONJUNCTIVAE-73:28
 VERTEX CORNEAE-73:29
 LIMBUS CORNEAE-73:30
 FACIES ANTERIOR-73:31
 FACIES POSTERIOR-73:32

The following structures can only be adequately demonstrated in thin sections by means of a hand lens and microscope.

EPITHELIUM CORNEAE-73:33
 LAMINA ELASTICA ANTERIOR-73:34
 SUBSTANTIA PROPRIA-73:35
 LAMINA ELASTICA POSTERIOR-73:36
 ENDOTHELIUM CAMERAE ANTERIORIS-73:37

4. Tunica vasculosa oculi-73:38

a. Chorioidea-73:39

LAMINA SUPRACHORIOIDEA-73:40
 SPATIUM PERICHORIOIDEALE-73:41
 LAMINA VASCULOSA-73:42

The vorticosae veins-53:60, are exposed by brushing away the pigment with a camel's hair brush.

LAMINA CHORIOCAPILLARIS-73:43
 LAMINA BASALIS-73:44
 (RAPHE CHORIOIDEAE)-73:45

ANTERIOR FORNIX-73:10
POSTERIOR FORNIX-73:10
EQUATOR-73:10
MERIDIAN-73:11
EXTERNAL AXIS OF EYEBALL-73:12
INTERNAL AXIS OF EYEBALL-73:12
OPTIC AXIS-73:14
LINE OF VISION-73:15
Optic chiasm ventral-73:16
Optic chiasm sup-73:17

3. Tunica albuginea oculi-73:18

a. Sclera-73:19

Exposed by cutting through the sclera at the equator with a sharp knife and with a scalpel carrying the incision completely around the eyeball along the line of the equator (carefully guarding against injury to the black choroid coat); separating both parts of the sclera from the adjacent structures and reflecting the anterior part forwards, pressing the attachment of the ciliary muscle to the deep surface, and the separating of the posterior part by dividing the fibers of the optic nerve in a place corresponding to the inner surface of the sclera.

SCLEROTIC FORNIX-73:20
SCLEROTIC-73:21
SCLEROTIC VESICLE-73:22
LACRIMAL FURROW-73:23
LACRIMAL CISTERNA-73:24
(HAYES-73:25)
(FUCHS-73:26)

b. Cornea-73:27

ANTERIOR CORNEAL-73:28
VERTICAL CORNEAL-73:29
HORIZONTAL CORNEAL-73:30
FACIES ANTERIOR-73:31
FACIES POSTERIOR-73:32

The following structures can only be adequately demonstrated in thin sections by means of a hand lens and microscope.

EPITHELIAL CORNEAL-73:33
LAMINA ELASTICA ANTERIOR-73:34
SUBSTANTIA PROPRIA-73:35
LAMINA ELASTICA POSTERIOR-73:36
ENDOTHELIAL CORNEAL ANTERIOR-73:37

4. Tunica vasculosa oculi-73:38

a. Choroid-73:39

LAMINA SUPRACHOROIDEA-73:40
SPATIUM PERICHOROIDEUM-73:41
LAMINA VASCULOSA-73:42

The vascular vessels-73:43, are exposed by drawing away the pigment with a camel's hair brush.

LAMINA CHORIOCAPILLARIS-73:44
LAMINA BRUNEA-73:45
(HAYES-73:46)

b. Corpus ciliare-73:46

CORONA CILIARIS-73:47

Demonstrated by making a coronal section through an eyeball slightly anterior to the equator and carefully removing the vitreous humor from the anterior segment of the eyeball.

PROCESSUS CILIAIRES-73:48

PLICAE CILIAIRES-73:49

ORBICULARIS CILIARIS-73:50

CILIARY MUSCLE-73:51

The following fibers require a microscope for their adequate demonstration:

FIBRAE MERIDIONALES-73:52

FIBRAE CIRCULARES-73:53

PLEXUS GANGLIOSUS CILIARIS-73:54

c. Iris-73:55

Exposed by cutting around the sclerocorneal junction and removing the cornea, making several meridional incisions through the anterior part of the sclera; the strips of sclera may then be separated from the ciliary muscle, bent aside and pinned to the bottom of a cork-lined tray filled with water, the iris examined and then removed for a more complete demonstration of its structure.

MARGO PUPILLARIS-73:56

MARGO CILIARIS-73:57

FACIES ANTERIOR-73:58

FACIES POSTERIOR-74:1

ANNULUS IRIDIS MAJOR-74:2

ANNULUS IRIDIS MINOR-74:3

PITCAE IRIEIS-74:4

PUPILLA-74:5

SPHINCTER MUSCLE OF PUPIL-74:6

STROMA IRIDIS-74:7

DILATOR MUSCLE OF PUPIL-74:8

PECTINATE LIGAMENT OF IRIS-74:9

SPATIA ANGULI IRIDIS-74:10

GREATER ARTERIAL CIRCLE-74:11

LESSER ARTERIAL CIRCLE-74:12

(MEMBRANA PUPILLARIS)^x-74:13d. Ciliary nerves and vessels

SHORT CILIARY NERVES-66:37

LONG CILIARY NERVES-66:25

SHORT POSTERIOR CILIARY ARTERIES-47:75

LONG POSTERIOR CILIARY ARTERIES-47:76

ANTERIOR CILIARY ARTERIES-48:1

VENAE VORTICOSAE-53:60

5. Pigment layer-74:14

Exposed by removing the chorioidea under water.

STRATUM PIGMENTI RETINAE-74:15

STRATUM PIGMENTI CORPORIS CILIARIS-74:16

STRATUM PIGMENTI IRIDIS-74:17

6. Retina-74:18

Exposed by removing the chorioidea from eyegall from which the

b. Ciliary apparatus-73:55

Demonstrated by making a careful section through an eyeball slightly anterior to the equator and carefully removing the vitreous humor from the anterior segment of the eyeball.

PROTECTOR CILIARY-73:55

FLAT CILIARY-73:55

ORBITALIS CILIARY-73:55

CILIARY MUSCLE-73:55

The following figure depicts a microscope for their

adaptation demonstration:

FIGURE MICROSCOPE-73:55

FIGURE MICROSCOPE-73:55

FIGURE MICROSCOPE-73:55

c. 1-73:55

Exposed by cutting around the scleroconjunctival junction and removing the cornea, making several additional incisions through the anterior part of the sclera; the strips of sclera may then be separated from the ciliary muscle, bent aside and pinned to the bottom of a cork-lined tray filled with water, the iris examined and then removed for a more complete demonstration of its structure.

IRIS-73:55

IRIS-73:55

IRIS-73:55

IRIS-73:55

IRIS-73:55

IRIS-73:55

IRIS-73:55

IRIS-73:55

IRIS-73:55

IRIS-73:55

IRIS-73:55

IRIS-73:55

IRIS-73:55

IRIS-73:55

IRIS-73:55

IRIS-73:55

d. 8-73:55

SHORT CILIARY NERVE-73:55

LONG CILIARY NERVE-73:55

SHORT POSTERIOR CILIARY NERVE-73:55

LONG POSTERIOR CILIARY NERVE-73:55

ANTERIOR CILIARY NERVE-73:55

IRIS-73:55

e. 9-73:55

Exposed by removing the choroid from the eyeball with water.

STRIATED PIGMENTARY EPITHELIUM-73:55

STRIATED PIGMENTARY EPITHELIUM-73:55

STRIATED PIGMENTARY EPITHELIUM-73:55

f. 10-73:55

Exposed by removing the choroid from the eyeball with water.

sclera and cornea have already been taken away.

PARS OPTICA RETINAE-74:19

ORA SERRATA-74:20

PARS CILIARIS RETINAE-74:21

PAPILLA N. OPTICI-74:22

EXCAVATIO PAPILLAE N. OPTICI-74:23

MACULA LUTEA-74:24

FOVEA CENTRALIS-74:25

VASA SANGUINEA RETINAE-74:26-34

May be examined in the living eye with the ophthalmoscope.

7. Vitreous body-74:38

Obtained from an eyeball which has been kept for several days without preservatives, by dividing the coats of the eye at the equator, carefully turning back the cut edges and allowing the "eye-kernel" (vitreous body and crystalline lens) to slip out into a vessel of water; the demonstration of the hyaloid membrane, capsule of the lens, and the zonula ciliaris may also be facilitated by staining for a few minutes in strong picrocarmin solution and washing in water.

HYALOID ARTERY^x-74:39

CANALIS HYALOIDEA-74:40

FOSSA HYALOIDEA-74:41

MEMBRANA HYALOIDEA-74:42

STROMA VITREUM-74:43

HUMOR VITREUS-74:44

8. Zonula ciliaris-74:59

FIBRAE ZONULARES-74:60

SPATIA ZONULARIA-74:61

Their structural characteristics may be demonstrated by inserting the point of a fine blow-pipe into the spaces and inflating them with air.

9. Crystalline lens-74:45

Isolated for observation by cutting through the zonular fibers of the zonula ciliaris and removing the lens.

CAPSULA LENTIS-74:51

POLUS ANTERIOR LENTIS-74:52

POLUS POSTERIOR LENTIS-74:53

FACIES ANTERIOR LENTIS-74:54

FACIES POSTERIOR LENTIS-74:55

AXIS LENTIS-74:56

AEQUATOR LENTIS-74:57

RADII LENTIS-75:58

SUBSTANTIA LENTIS-74:46

Exposed by cutting through the anterior wall of the capsule and pressing the lens out through the opening.

SUBSTANTIA CORTICALIS-74:47

NUCLEUS LENTIS-74:48

With the aid of a microscope the following structures may be demonstrated in a lens which has been hardened in alcohol and teased apart.

FIBRAE LENTIS-74:49

EPITHELIUM LENTIS-74:50

10. Chambers of the eyeball

CAMERA OCULI ANTERIOR-74:35

ANGULUS IRIDIS-74:36

CAMERA OCULI POSTERIOR-74:37

cornea and sclera have already been taken away.
PART OPTIC NERVE-74:12
COR. NERVE-74:13
PART OPTIC NERVE-74:14
PARTIAL N. OPTIC-74:15
EXCAVATED PARTIAL N. OPTIC-74:16
MACULA LUTEA-74:17
FOVEA CENTRALIS-74:18
VASA CANONICA NERVE-74:19-24

They be examined in the living eye with the ophthalmoscope.

7. Vitreous body-74:25

Obtained from an eyeball which has been kept for several days without preservatives, by dividing the coats of the eye at the equator, care being taken to cut along the cut edge and allowing the "eye-lens" (vitreous body and crystalline lens) to fall out into a vessel of water; the demonstration of the hyaloid membrane, capsule of the lens, and the zonula ciliaris may also be facilitated by staining for a few minutes in strong potassium solution and washing in water.

HYALOID ARTERY-74:26
CAPSULE HYALOIDA-74:27
FIBROUS HYALOIDA-74:28
MEMBRANA HYALOIDA-74:29
STROMA VITREUM-74:30
HUMOR VITREUS-74:31

8. Zonula ciliaris-74:32

FIBROUS ZONULARS-74:33
SPATIA ZONULARIA-74:34

Their structural characteristics may be demonstrated by inserting the point of a fine blow-pipe into the spaces and inflating them with air.

9. Crystalline lens-74:35

Isolated for observation by cutting through the zonular fibers of the zonula ciliaris and removing the lens.

CAPSULE LENTIS-74:36
POLUS ANTERIOR LENTIS-74:37
POLUS POSTERIOR LENTIS-74:38
FACIES ANTERIOR LENTIS-74:39
FACIES POSTERIOR LENTIS-74:40
AXIS LENTIS-74:41
REFRACTOR LENTIS-74:42
RADII LENTIS-74:43
SUBSTANTIA LENTIS-74:44

Exposed by cutting through the anterior wall of the capsule and pressing the lens out through the opening.

SUBSTANTIA CORTICALIS-74:45
NUCLEUS LENTIS-74:46

With the aid of a microscope the following structures may be demonstrated in a lens which has been imbedded in alcohol and cleared apart.

STROMA LENTIS-74:47
EPITHELIAL LENTIS-74:48

10. Capsule of the eyeball

CAPSA OCTI ANTERIOR-74:49
CAPSA OCTI POSTERIOR-74:50

ABDOMEN AND PELVIS

ABDOMEN AND PELVIS

I. General Characteristics

1. Subdivisions of abdomen and pelvis

ABDOMEN-4:55

ABDOMINAL CAVITY-4:56

SCROBICULUS CORDIS-4:57

UMBILICUS-4:58

FLANK-4:59

LOIN-4:60

GROIN-4:61

PELVIS-5:1

PELVIC CAVITY-5:2

MONS PUBIS-5:3

HIP-5:4

BUTTOCK-5:5

ANUS-5:6

ANAL CLEFT-5:7

PERINEUM-5:8

2. Surface anatomy

XIPHOID PROCESS-7:52

RIBS-7:28 Anterior ends of 7th to 12th ribs.

ILIAC CREST-15:18

POSTERIOR SUPERIOR ILIAC SPINE-15:24

CRISTA SACRALIS MEDIA-7:18

ANTERIOR SUPERIOR ILIAC SPINE-15:22

INGUINAL LIGAMENT-25:41

SUPERIOR RAMUS OF THE PUBIC BONE-15:30

SYMPHYSES PUBIS-15:53

PUBIC TUBERCLE-15:44

LINEA ALBA-25:34

LINEA SEMILUNARIS-25:49

SUBCUTANEOUS INGUINAL RING-25:44

SPERMATIC CORD-40:37

ROUND LIGAMENT OF THE UTERUS-42:23 In the female.

TUBER ISCHIADICUM-15:36

INFERIOR RAMUS OF THE ISCHIUM-15:35

3. Regions

EPIGASTRIC REGION-83:15

HYPOCHONDRIAC REGION-83:16

MESOGASTRIC REGION-83:17

UMBILICAL REGION-83:18

LATERAL ABDOMINAL REGION-83:19

HYPOGASTRIC REGION-83:20

PUBIC REGION-83:21

INGUINAL REGION-83:22

Regions of the back in relation to the pelvis:

PERINEAL REGION-83:33

ANAL REGION-83:34

UROGENITAL REGION-83:35

PUDENDAL REGION-83:36

ABDOMINAL CAVITY

1. General Characteristics

1. Subdivisions of Abdominal Cavity

ABDOMEN-4:52
 ABDOMINAL CAVITY-4:52
 SCROTUM-4:52
 UMBILICUS-4:52
 FLANK-4:52
 LOIN-4:52
 GROIN-4:51
 PELVIS-5:1
 PELVIC CAVITY-5:1
 MONS PUBE-5:2
 HIP-5:4
 BUTTOCK-5:5
 ANUS-5:6
 ANAL ORIF-5:7
 PERINEUM-5:8

2. Surface Anatomy

XIPHOID PROCESS-7:52
 RIBS-7:52 Anterior ends of ribs as seen from side
 ILIAC CREST-12:18
 POSTERIOR SUPERIOR ILIAC SPINE-12:24
 CRISTA SACRALIS MEDIA-7:18
 ANTERIOR SUPERIOR ILIAC SPINE-12:24
 INGUINAL LIGAMENT-12:41
 SUPERIOR RAMUS OF THE PUBIS BONE-12:20
 SYMPHYSIS PUBIS-12:22
 PUBIC TUBERCLE-12:44
 LINEA ALBA-12:34
 LINEA SEMILUNARIS-12:42
 SUBCUTANEOUS INGUINAL RING-12:44
 SPERMATIC CORD-12:37
 ROUND LIGAMENT OF THE UTERUS-12:33 in the female
 TUBER ISCHIADICUM-12:36
 INFERIOR RAMUS OF THE ISCHIIUM-12:32

3. Regions

EPIGASTRIC REGION-83:12
 HYPOCHONDRIAC REGION-83:16
 MESOGASTRIC REGION-83:14
 UMBILICAL REGION-83:18
 LATERAL ABDOMINAL REGION-83:19
 HYPOGASTRIC REGION-83:20
 PUBIC REGION-83:21
 INGUINAL REGION-83:22
 Regions of the back in relation to the pelvis:
 PERINEAL REGION-83:33
 ANAL REGION-83:34
 UROGENITAL REGION-83:35
 PUERPERAL REGION-83:36

II. Perineal region1. Surface anatomya. Perineal region in general

SYMPHYSIS PUBIS-15:53
 ARCUATE LIGAMENT-20:61
 COCCYX-7:25
 INFERIOR RAMUS OF THE PUBIS-15:49
 INFERIOR RAMUS OF THE ISCHIUM-15:35
 SACROTUBEROUS LIGAMENT-20:49
 PERINEAL RAPHE-43:18

b. Pudendal region in the male

CORPUS PENIS-40:69
 DORSUM OF PENIS-40:70
 URETHRAL SURFACE-40:71
 GLANS PENIS-40:72
 CORONA GLANDIS -40:73
 SEPTUM GLANDIS -40:74
 COLLUM GLANDIS -40:75
 PREPUCE-41:1
 FRENULUM OF PREPUCE-41:2
 EXTERNAL URETHRAL ORIFICE-41:28
 SCROTUM-41:31
 RAPHE OF SCROTUM-41:32

c. Pudendal region in the female

MONS PUBIS-5:s
 FEMALE PUDENDUM-42:45
 LABIUM MAJUS PUDENDAE-42:46
 ANTERIOR LABIAL COMMISSURE-42:47
 POSTERIOR LABIAL COMMISSURE-42:48
 FRENULUM OF PUDENDAL LABIA-42:49
 RIMA PUDENDI-42:50
 FOSSA NAVICULARIS-42:51
 LABIUM MINUS PUDENDI-42:52
 VESTIBULUM VAGINAE-42:53
 ORIFICIUM VAGINAE-42:57
 CLITORIS-42:59
 CORPUS CLITORIS-42:61
 GLANS CLITORIS-42:62
 FRENULUM OF CLITORIS-42:63
 PREPUCE OF CLITORIS-42:64
 EXTERNAL ORIFICE OF URETHRA-42:71
 HYMEN-42:29
 HYMEN CARUNCLES-42:30

2. Urogenital region: Structures external to the urogenital diaphragma. In the male

Skin incisions (The body being in the lithotomy position): a) transversely between the anterior extremities of the ischial tuberosities; b) median along the median raphe from the sacrum to the tip of the coccyx, encircling the anus.

SUPERFICIAL PERINEAL FASCIA-43:45

The following structures in the compartment between the superficial perineal fascia and the urogenital diaphragm are exposed by making

II. Pelvic region

1. Surface anatomy

a. Perineal region in general

SYMPHYSE PUBIS-15:52
 ARCuate LIGAMENT-20:81
 COCCYX-7:32
 INTERIOR RAMUS OF THE PUBIS-15:49
 INTERIOR RAMUS OF THE ISCHIUM-15:53
 SACROTUBEROSUS LIGAMENT-20:49
 PERINEAL RAPHE-43:18

b. Pudendal region in the male

CORPUS PENIS-40:62
 DORSUM OF PENIS-40:70
 URETHRAL SURFACE-40:71
 GLANS PENIS-40:72
 CORONA GLANDIS-40:73
 SEPTUM GLANDIS-40:74
 COLUM GLANDIS-40:75
 PREPUCE-41:1
 FRENUM OF PREPUCE-41:2
 EXTERNAL URETHRAL ORIFICE-41:28
 SCROTUM-41:31
 RAPHE OF SCROTUM-43:22

c. Pudendal region in the female

MONS PUBIS-5:2
 FEMALE PUDENDUM-42:45
 LABIUM MAJUS PUDENDAE-42:46
 ANTERIOR LABIAL COMMISSURE-42:47
 POSTERIOR LABIAL COMMISSURE-42:48
 FRENUM OF PUDENDAL LABIA-42:49
 RIMA PUDENDI-42:50
 FOSSA NAVICULARIS-42:51
 LABIUM MINUS PUDENDI-42:52
 VESTIBULUM VAGINAE-42:53
 ORIFICIUM VAGINAE-42:54
 CLITORIS-42:55
 CORPUS CLITORIS-42:56
 GLANS CLITORIS-42:57
 FRENUM OF CLITORIS-42:58
 PREPUCE OF CLITORIS-42:59
 EXTERNAL ORIFICE OF URETHRA-42:61
 HYMEN-42:59
 HYMEN CARUNCLES-42:30

2. Urogenital region: Structures external to the orofacial diaphragm

a. In the male

Skin incisions (The body being in the lithotomy position): a) trans-
 versely between the anterior extremities of the labial tubercles;
 b) median along the median raphe from the sacrum to the tip of the
 coccyx, enclosing the anus.
 SUPERFICIAL PERINEAL FASCIA-43:42
 The following structures in the compartment between the superficial

an incision through the deeper layer of the superficial perineal fascia, beginning in the median line at the base of the scrotum and extending to the ischial tuberosity on each side, and reflecting the fascial flaps.

SUPERFICIAL TRANSVERSE PERINEAL MUSCLE-43:42

ISCHIOCAVERNOSUS MUSCLE-43:43

BULBOCAVERNOSUS MUSCLE-43:44

PERINEAL ARTERY-51:19

POSTERIOR SCROTAL ARTERIES-51:20

PERINEAL NERVE-71:21

POSTERIOR SCROTAL NERVES-71:22

PERINEAL RAMI OF THE POSTERIOR FEMORAL CUTANEOUS NERVE-70:53

LYMPHATIC VESSELS

ROOT OF PENIS-40:67

CRURA OF PENIS-40:69

CORPORA CAVERNOSA PENIS-41:4

The following structures are exposed by dividing the bulbocavernosus muscle in the midline and reflecting the muscle.

CORPUS CAVERNOSUM URETHRAE-41:5

BULBUS URETHRAE-41:6

HEMISPHERES OF BULB OF URETHRA-41:7

SEPTUM OF BULB OF URETHRA-41:8

b. In the female

Skin incisions (The body being in the lithotomy position): a) transversely between the ischial tuberosities; b) along the median line extending from the mons pubis to the tip of the coccyx, encircling the labia majora and the anal orifice.

SUPERFICIAL PERINEAL FASCIA-43:45

PERINEAL ARTERY-51:19

POSTERIOR LABIAL ARTERIES-51:21

PERINEAL NERVE-71:21

POSTERIOR LABIAL NERVES-71:23

PERINEAL RAMI OF THE POSTERIOR FEMORAL CUTANEOUS NERVE-70:53

LYMPHATIC VESSELS

SUPERFICIAL TRANSVERSE PERINEAL MUSCLE-43:42 Not constant in degree of development.

ISCHIOCAVERNOSUS MUSCLE-43:43

BULBOCAVERNOSUS MUSCLE-43:44

The following structures are exposed by reflecting the bulbocavernosus and ischiocavernosus muscles.

BULBUS VESTIBULI-42:54

GLANDULA VESTIBULARIS MAJOR-42:58

CRURA CLITORIDIS-42:60

CORPUS CLITORIDIS-42:61

CORPORA CAVERNOSA CLITORIDIS-42:66

SEPTUM CORPORUM CAVERNOSORUM-42:67

FASCIA CLITORIDIS-42:68

GLANS CLITORIDIS-42:62

3. Urogenital diaphragm

a. Inferior fascia of the urogenital diaphragm-43:37

Exposed by detaching the ischiocavernosus muscle and the crus penis (the crus clitoridis in the case of the female) from the pubic arch on each side; guarding against injury to the inferior fascia of the urogenital diaphragm, branches of the

an incision through the deep layer of the superficial perineal pouch, beginning in the median line at the base of the scrotum and extending to the rectal tubercle on each side, and reflecting the

perineal pouch.

PERINEAL TRANSVERSE FIBROUS MUSCLE-45:45

PERINEAL TRANSVERSE FIBROUS MUSCLE-45:45

PERINEAL TRANSVERSE FIBROUS MUSCLE-45:45

PERINEAL TRANSVERSE FIBROUS MUSCLE-45:45

PERINEAL TRANSVERSE FIBROUS MUSCLE-45:45

PERINEAL TRANSVERSE FIBROUS MUSCLE-45:45

PERINEAL TRANSVERSE FIBROUS MUSCLE-45:45

PERINEAL TRANSVERSE FIBROUS MUSCLE-45:45

PERINEAL TRANSVERSE FIBROUS MUSCLE-45:45

PERINEAL TRANSVERSE FIBROUS MUSCLE-45:45

PERINEAL TRANSVERSE FIBROUS MUSCLE-45:45

The following structures are exposed by dividing the bulbospongiosus

muscle in the middle and reflecting the scrotum.

SCROTUM-45:45

SCROTUM-45:45

SCROTUM-45:45

SCROTUM-45:45

2. In the female

On incision (the body being in the lithotomy position): a) trans-

versely between the labial tubercles; b) along the median line

extending from the mons pubis to the tip of the clitoris, enclosing

the labia majora and the anal orifice.

PERINEAL TRANSVERSE FIBROUS MUSCLE-45:45

PERINEAL TRANSVERSE FIBROUS MUSCLE-45:45

PERINEAL TRANSVERSE FIBROUS MUSCLE-45:45

PERINEAL TRANSVERSE FIBROUS MUSCLE-45:45

PERINEAL TRANSVERSE FIBROUS MUSCLE-45:45

PERINEAL TRANSVERSE FIBROUS MUSCLE-45:45

PERINEAL TRANSVERSE FIBROUS MUSCLE-45:45

PERINEAL TRANSVERSE FIBROUS MUSCLE-45:45

PERINEAL TRANSVERSE FIBROUS MUSCLE-45:45

PERINEAL TRANSVERSE FIBROUS MUSCLE-45:45

PERINEAL TRANSVERSE FIBROUS MUSCLE-45:45

The following structures are exposed by reflecting the bulb-

ospongiosus and bulbospongiosus muscles:

BULBOSPONGIOSUS MUSCLE-45:45

BULBOSPONGIOSUS MUSCLE-45:45

BULBOSPONGIOSUS MUSCLE-45:45

BULBOSPONGIOSUS MUSCLE-45:45

BULBOSPONGIOSUS MUSCLE-45:45

BULBOSPONGIOSUS MUSCLE-45:45

BULBOSPONGIOSUS MUSCLE-45:45

BULBOSPONGIOSUS MUSCLE-45:45

BULBOSPONGIOSUS MUSCLE-45:45

3. In the male

a) External incision of the perineal pouch

Exposed by dividing the bulbospongiosus muscle and the cl-

itoris (the clitoris is in the case of the female) from the

pubic arch on each side, guiding a pair of forceps to the

labial tubercle at the posterior margin, branches of the

internal pudendal artery and the dorsal nerve of the penis (or the clitoris in the female).

The inferior fascia of the urogenital diaphragm is removed in exposing the following structures situated in the compartment between the inferior and the superior fascia of the urogenital diaphragm.

b. Structures in the Urogenital diaphragm in the male

TRANSVERSE PERINEI PROFUNDUS MUSCLE-43:34
SPHINCTER URETHRAE MEMBRANACEAE MUSCLE-43:35
ARTERY OF THE PENIS-51:22

ARTERY OF THE BULB OF URETHRA-51:24

URETHRAL ARTERY-51:23

DEEP ARTERY OF PENIS-51:26

DORSAL ARTERY OF PENIS-51:27

DORSAL VEIN OF THE PENIS-55:49

DORSAL NERVE OF THE PENIS-71:24

BULBOURETHRAL GLANDS-40:62

BODY OF GLAND-40:63

EXCRETORY DUCT-40:64

MEMBRANOUS PART OF URETHRA-41:24

SUPERIOR FASCIA OF UROGENITAL DIAPHRAGM-43:36

The following structures are in relationship to this fascia:

ARCuate LIGAMENT OF THE PUBIS-20:61

TRANSVERSE LIGAMENT OF THE PELVIS-43:38

c. Structures in the Urogenital diaphragm in the female

TRANSVERSE PERINEI PROFUNDUS MUSCLE-43:34

SPHINCTER URETHRAE MEMBRANACEAE MUSCLE-43:35

ARTERY OF CLITORIS-51:28

ARTERY OF BULB OF VESTIBULI-51:25

URETHRAL ARTERY-51:23

DEEP ARTERY OF CLITORIS-51:29

DORSAL ARTERY OF CLITORIS-51:30

DORSAL VEINS OF THE CLITORIS-55:51

DORSAL NERVE OF THE CLITORIS-71:25

GLANDULA VESTIBULARIS MAJOR-42:58

URETHRA-42:70

SUPERIOR FASCIA OF THE UROGENITAL DIAPHRAGM-43:36

The following structures are in relationship to this fascia:

ARCuate LIGAMENT OF THE PUBIS-20:61

TRANSVERSE LIGAMENT OF THE PELVIS-43:38

4. Anal region

SUPERFICIAL PERINEAL FASCIA-43:45

SPHINCTER AND EXTERNUS MUSCLE-43:34

ANOCOCCYGEAL LIGAMENT-43:25

ISCHIORECTAL FOSSA-43:41

The fat in the ischiorectal fossa is removed in the demonstration of its contents.

INFERIOR HAEMORRHOIDAL NERVE-71:20

INFERIOR HAEMORRHOIDAL ARTERY-51:18

The following structures are in relationship to the walls of the fossa:

INFERIOR FASCIA OF PELVIC DIAPHRAGM-43:32

LEAVTOR ANI MUSCLE-43:21

OBTURATOR FASCIA-43:40

Internal pudendal artery and the internal nerve of the penis (or the clitoris in the female).
The inferior branch of the internal pudendal artery is removed to expose and the following structures are situated in the compartment between the inferior and the superior branches of the internal pudendal artery:

2. Structures in the Urogenital triangle in the male
TRANSVERSE PERINEAL MUSCLE-43:32
SPHINCTER URETHRAE MEMBRANACEA MUSCLE-43:32
ARTERY OF THE PENIS-51:32

ARTERY OF THE RUPE OF URETHRA-51:32
URETHRAL ARTERY-51:32
DEEP ARTERY OF PENIS-51:32
DORSAL ARTERY OF PENIS-51:32
DORSAL VEIN OF THE PENIS-52:42
DORSAL NERVE OF THE PENIS-51:32
BULBOURETHRAL GLANDS-43:32
BODY OF GLAND-43:32
EXTERIOR DUCT-43:32
MEMBRANACEA PART OF URETHRA-51:32

EXTERNAL FASCIA OF UROGENITAL TRIANGLE-43:32
The following structures are in relationship to this triangle:
Ischioanal fossa:
ANGULATE LIGAMENT OF THE PERINEUM-50:41
TRANSVERSE LIGAMENT OF THE PERINEUM-43:32

2. Structures in the Urogenital triangle in the female
TRANSVERSE PERINEAL MUSCLE-43:32
SPHINCTER URETHRAE MEMBRANACEA MUSCLE-43:32
ARTERY OF CLITORIS-51:32

ARTERY OF RUPE OF VESTIBULUM-51:32
URETHRAL ARTERY-51:32
DEEP ARTERY OF CLITORIS-51:32
DORSAL ARTERY OF CLITORIS-51:32
DORSAL VEIN OF THE CLITORIS-52:51
DORSAL NERVE OF THE CLITORIS-51:32
GLANDS VESTIBULARES MAJORES-43:32
URETHRA-43:32

EXTERNAL FASCIA OF THE UROGENITAL TRIANGLE-43:32
The following structures are in relationship to this triangle:
ANGULATE LIGAMENT OF THE PERINEUM-50:41
TRANSVERSE LIGAMENT OF THE PERINEUM-43:32

3. Anal region

SUPERFICIAL PERINEAL FASCIA-43:32
SPHINCTER AND EXTERNAL MUSCLE-43:32
ANGULOANAL LIGAMENT-43:32
ISCHIOANAL FOSSE-43:32

The fat in the ischioanal fossa is removed in the dissection.
The fat of the ischioanal fossa.
INTERNAL HEMORRHOIDAL NERVE-51:32
INTERNAL HEMORRHOIDAL ARTERY-51:32
The following structures are in relationship to the walls of the canal:
INTERNAL FASCIA OF ANAL CANAL-43:32
MUSCLES AND MUSCLES-43:32
EXTERNAL FASCIA-43:32

The following nerve and artery are in relation to the obturator fascia:

PUDENDAL NERVE-71:19

INTERNAL PUDENDAL ARTERY-51:17

TENDINOUS ARCH OF THE LEAVDOR ANI MUSCLE-43:22

Situated at the angle of junction of the obturator fascia and the inferior fascia of the pelvic diaphragm.

OBTURATOR INTERNUS MUSCLE-26:72

UROGENITAL DIAPHRAGM-43:33 Its posterior margin only.

GLUTAEUS MAXIMUS MUSCLE-26:67 Its posterior or distal margin only.

SACROTUBEROUS LIGAMENT-20:49

III. Anterior Abdominal Wall

1. Fascia, cutaneous nerves and blood vessels

For the surface anatomy of the abdomen, see I:2.

Skin incisions: a) longitudinally along the anterior median line from the xiphoid process to the mons pubis (encircle the umbilicus; b) from the xiphoid process transversely around the thorax as far back as possible; c) from the mons pubis laterally along the line of the inguinal ligament to the anterior superior iliac spine and then posteriorly along the iliac crest as far back as possible.

SUPERFICIAL FASCIA-23:36

Divided into two layers toward the inferior part of the abdomen.

ANTERIOR CUTANEOUS RAMI OF INTERCOSTAL NERVES-70:8

ANTERIOR CUTANEOUS RAMUS OF ILIOHYPOGASTRIC NERVE-70:28

ILIOINGUINAL NERVE-70:29

LATERAL CUTANEOUS RAMI OF INTERCOSTAL NERVES-70:3

LATERAL CUTANEOUS RAMUS OF THE ILIOHYPOGASTRIC NERVE-70:27

SUPERFICIAL EPIGASTRIC ARTERY-51:39

SUPERFICIAL CIRCUMFLEX ILIAC ARTERY-51:40

EXTERNAL PUDENDAL ARTERIES-51:41

PARUMBILICAL VEINS-55:36

THORACOEPIGASTRIC VEINS-54:32

SUPERFICIAL EPIGASTRIC VEIN-55:65

2. Deeper structures of the anterior abdominal wall

a. Muscles and related structures

OBLIQUUS EXTERNUS ABDOMINIS MUSCLE-25:28

Exposed by the removal of the deep fascia, guarding at the same time against injury to its aponeurosis and the structures in relation to the subcutaneous inguinal ring.

The following structures are in relationship with the external oblique muscle:

TRIGONUM LUMBALE-25:48

INGUINAL LIGAMENT-25:41

LACUNAR LIGAMENT-25:42

SUBCUTANEOUS INGUINAL RING-25:44

SUPERIOR CRUS-25:45

INFERIOR CRUS-25:46

OBLIQUUS INTERNUS ABDOMINIS MUSCLE-25:29

Exposed by detaching the external oblique muscle at its origin, dividing the muscle at its insertion into the iliac crest, from the superior iliac spine carrying an incision medialward through the aponeurosis of the external oblique muscle to the lateral margin of the rectus abdominis muscle, and reflecting the external oblique muscle medialward.

CREMASTERIC MUSCLE-25:30

TRANSVERSUS ABDOMINIS MUSCLE-25:31

Exposed by detaching the internal oblique muscle at its origin and reflecting the muscle toward its insertion, at the same time guarding the subjacent nerves and vessels, and leaving intact the inguinal canal and its contents.

LINEA SEMILUNARIS-25:49

The following nerves and vessels are in relationship throughout part of their course with the internal oblique and transversus abdominis muscles.

ANTERIOR RAMI OF THORACIC NERVES-70:1

ILIOHYPOGASTRIC NERVE-70:25

ILIOINGUINAL NERVE-70:29

INTERCOSTAL ARTERIES-49:59

LUMBAR ARTERIES-50:9

RECTUS ABDOMINIS MUSCLE-25:25

Exposed by making a longitudinal incision through the aponeurotic sheath of the rectus abdominis muscle at a distance of about 3 cm. from the linea alba, the inferior end of each incision curving toward the symphysis pubis.

TENDINOUS INSCRIPTIONS-23:37

SHEATH OF THE RECTUS ABDOMINIS MUSCLE-25:38

LINEA SIMICIRCULARIS-25:40

The following arteries are in relationship to the rectus sheath:

INFERIOR EPIGASTRIC ARTERY-51:32

SUPERIOR EPIGASTRIC ARTERY-48:47

PYRAMIDALIS MUSCLE-25:27

LINEA ALBA-25:34

FASCIA TRANSVERSALIS-25:50

DEEP CIRCUMFLEX ILIAC ARTERY-51:37

PERITONEUM-43:46

Exposed by the removal of a small portion of the fascia transversalis.

b. Internal surface of the anterior abdominal wall

Exposed by beginning at a point just above the umbilicus making three incisions through abdominal wall, two of them extending to the anterior superior iliac spine on each side, and the third passing to the right of the umbilicus and 2 cm. to the right of the linea alba and terminating at the superior ramus of the pubic bone.

URACHUS-39:34

PLICA UMBILICALIS MEDIA-44:22

PLICA UMBILICALIS LATERALIS-44:23

PLICA EPIGASTRICA-44:24

FOVEA SUPRAVESICALIS-25:57

FOVEA INGUINALIS MEDIA-25:56

FOVEA INGUINALIS LATERALIS-25:55

ABDOMINAL INGUINAL RING-25:52

OBLIQUES INTERIUS ABDOMINIS MUSCLES-22:12

Exposed by detaching the external oblique muscle at its origin, dividing the muscle at its insertion into the linea transversa, the superior iliac spine carrying an isolated medialward part through the aponeurosis of the external oblique muscle to the lateral margin of the rectus abdominis muscle, and reflecting the external oblique muscle medially.

TRANSVERSUS ABDOMINIS MUSCLES-22:30

TRANSVERSUS ABDOMINIS MUSCLES-22:31

Exposed by detaching the internal oblique muscle at its origin and reflecting the muscle toward its insertion, at the same time guarding the subjacent nerves and vessels, and leaving intact the inguinal canal and its contents.

LIGAM. SEMILUNARE-22:42

The following nerves and vessels are in relationship throughout part of their course with the internal oblique and transversus abdominis muscles.

ANTERIOR RAMI OF THORACIC NERVES-70:1

ILIOHYPOTAOSTIC NERVE-70:22

ILIOHYPOTAOSTIC NERVE-70:22

ILIOHYPOTAOSTIC NERVE-70:22

ILIOHYPOTAOSTIC NERVE-70:22

RECTUS ABDOMINIS MUSCLES-22:22

Exposed by making a longitudinal incision through the aponeurotic sheath of the rectus abdominis muscle at a distance of about 2 cm. from the linea alba, the inferior end of each incision curving toward the symphysis pubis.

SYMPHYSEAL NERVE-22:37

SHEATH OF THE RECTUS ABDOMINIS MUSCLES-22:32

LIGAM. SYMPHYSEAL-22:40

The following arteries are in relationship to the rectus

arteries

SUPERIOR EPICARDIAL ARTERY-22:22

SUPERIOR EPICARDIAL ARTERY-22:27

PYRAMIDALIS MUSCLE-22:27

LIGAM. ALBA-22:34

LIGAM. TRANSVERSALIS-22:30

DEEP CIRCUMFLEX ILIAC ARTERY-22:27

PERITONEUM-22:22

Exposed by the removal of a small portion of the lamina

transversalis.

b. Internal surface of the anterior abdominal wall

Exposed by beginning at a point just above the umbilicus making three incisions through external wall, two of them extending to the anterior superior iliac spine on each side, and the third passing to the right of the umbilicus and 2 cm. to the right of the linea alba and terminating at the superior margin of the pubic bone.

LIGAM. ALBA-22:34

LIGAM. TRANSVERSALIS-22:30

LIGAM. TRANSVERSALIS-22:30

LIGAM. TRANSVERSALIS-22:30

LIGAM. TRANSVERSALIS-22:30

LIGAM. TRANSVERSALIS-22:30

LIGAM. TRANSVERSALIS-22:30

LIGAM. TRANSVERSALIS-22:30

3. Inguinal canal, scrotum, spermatic cord and testisa. Inguinal canal-25:51

A demonstration of its boundaries involves the removal of the peritoneum from the anterior abdominal wall in the region of the inguinal canal.

FALX INGUINALIS-25:26

REFLEX INGUINAL LIGAMENT-25:43

b. Scrotum and spermatic cordSCROTUM-41:31

The scrotal sac is opened and its contents exposed by making a longitudinal incision through the anterior wall of the scrotum on each side of the mid-line.

RAPHE OF THE SCROTUM-41:32

SEPTUM OF THE SCROTUM-41:33

TUNICA DARTOS-41:34

SPERMATIC CORD-40:37

CREMASTERIC FASCIA-40:47

CREMASTERIC MUSCLE-40:46

(VAGINAL PERITONEAL PROCESS)-40:38

TUNICA VAGINALIS COMMUNIS-40:45

DUCTUS DEFERENS-40:21

INTERNAL SPERMATIC ARTERY-50:52

EXTERNAL SPERMATIC ARTERY-51:35

DEFERENTIAL ARTERY-51:11

PAMPINIFORM PLEXUS OF VEINS-55:14

SPERMATIC VEIN-55:11

EXTERNAL SPERMATIC NERVE-70:35

DEFERENTIAL PLEXUS-72:42

LYMPHATICS

c. Testis-39:66

TUNICA VAGINALIS PROPRIA TESTIS-40:39

LAMINA PARIETALIS-40:40

LAMINA VISCERALIS-40:41

SINUS EPIDIDYIMIDIS-40:44

In exposing the testis an incision is made through the anterior part of the lamina parietalis of the tunica vaginalis propria.

SUPERIOR AND INFERIOR EXTREMITIES OF THE TESTIS-39:67, 68

LATERAL AND MEDIAL SURFACES-39:69, 70

ANTERIOR AND POSTERIOR MARGINS-39:71, 72

EPIDIDYMIS-40:9

HEAD, BODY AND TAIL OF SPIDIDYMIS-40:10-12

APPENDIX TESTIS-40:18

The following structures may be identified in cross section of the testis:

TENICA ALBUGINEA-39:73

MEDIASTINUM TESTIS-39:74

SEPTULA TESTIS-39:75

LOBULES-40:1

PARENCHYMA-40:2

For the structures of the penis see II:11, 2a and VI:3a.

3. Internal canal, anterior, sympathetic cord and testis

A. Internal canal-35:31

A demonstration of the boundaries between the canal and the testis from the anterior abdominal wall in the region of the internal canal.

TESTIS INTERNAL-35:32

RELAX INTERNAL-35:33

B. Scrotum and associated cord

SCROTUM-41:31

The scrotum was in opened and the contents exposed by making a longitudinal incision through the anterior wall of the scrotum on each side of the midline.

RAPE OF THE SCROTUM-41:32

SECTION OF THE SCROTUM-41:33

TESTIS EXTERNA-41:34

SPERMATIC CORD-40:37

ORCHESTICUS-40:38

ORCHESTICUS-40:39

(VAGINAL FERTILIZATION PROCESS)-40:40

TESTIS VAGINALIS-40:41

DUCTUS DEFERENS-40:42

INTERNAL SPERMATIC ARTERY-40:43

EXTERNAL SPERMATIC ARTERY-41:35

DEFERENTIAL ARTERY-41:36

EMPHYSIOMATOUS PLEURA OF Vagina-41:37

SPERMATIC VEIN-41:38

EXTERNAL SPERMATIC NERVE-40:44

DEFERENTIAL PLEXUS-41:39

LYMPHATICS

C. Testis-35:35

TESTIS VAGINALIS PROPRIA-40:45

LAMINA PARITETALIS-40:46

LAMINA VISCERALIS-40:47

TESTIS EPIDIDYMUS-40:48

In exposing the testis an incision is made through the anterior part of the lamina parietalis of the vaginal sacculis proper.

SUPERIOR AND INFERIOR EXTREMITIES OF THE TESTIS-35:36, 37

LATERAL AND MEDIAL SURFACES-35:38, 39

ANTERIOR AND POSTERIOR SURFACES-35:40, 41

EPIDIDYMUS-40:49

HEAD, BODY AND TAIL OF EPIDIDYMUS-40:50, 51

APPENDIX TESTIS-40:52

The following specimens may be identified in cross section at the testis:

TESTIS

TESTIS ALBUMINUS-35:42

DEFERENTIAL TESTIS-35:43

EPIDIDYMUS-35:44

EPIDIDYMUS-40:53

EPIDIDYMUS-40:54

For the structure of the penis see 11:35, 36 and 35:45.

IV. Abdominal Cavity, Peritoneum and Viscera1. Abdominal cavity and the peritoneuma. General characteristics of the abdominal cavity, viscera and peritoneum

In completing the opening of the abdominal cavity and demonstrating the abdominal and peritoneal relations of the following structures, the incision already made through the lower part of the anterior abdominal wall (III:2b) is extended upward from the umbilicus to the xiphoid process, passing just to the left of the mid-sagittal plane.
LIVER-34:43

GALL BLADDER-35:6

STOMACH-32:78

GREATER OMENTUM-43:70

SMALL INTESTINE-33:29

LARGE INTESTINE-33:61

LESSER OMENTUM-43:64

PERITONEUM-43:46

PARIETAL PERITONEUM-43:49

VISCERAL PERITONEUM-43:50

PERITONEAL CAVITY-43:51

b. Peritoneal folds and fossa in relation to the small and large intestine

MESENTERY-43:53

ROOT OF MESENTERY-43:54

DUODENOJEJUNAL RECESS-44:9

DUODENOJEJUNAL FOLD-44:10

GREATER OMENTUM-43:70

MESOCOLON-43:56

TRANSVERSE MESOCOLON-43:57

ASCENDING MESOCOLON-43:58

DESCENDING MESOCOLON-43:59

SIGMOID MESOCOLON-43:60

MESORECTUM-43:61

MESENTERY OF THE VERMIFORM PROCESS-43:62

ILEOCAECAL FOLD-44:15

SUPERIOR ILEOCAECAL RECESS-44:13

INFERIOR ILEOCAECAL RECESS-44:14

CAECAL FOLD-44:18

CAECAL FOSSA-44:16

RETROCAECAL RECESS-44:17

PARACOLIC RECESS-44:19

PHRENICOCOLIC LIGAMENT-44:1

c. Peritoneal ligaments in relation to the liver, stomach and spleen

FALCIFORM LIGAMENT OF LIVER-44:3

LIGAMENTUM TERES OF THE LIVER-34:56

CORONARY LIGAMENT OF THE LIVER-44:4

RIGHT AND LEFT TRIANGULAR LIGAMENTS-44:5, 6

LESSER OMENTUM-43:64

HEPATOGASTRIC LIGAMENT-43:65

HEPATODUODENAL LIGAMENT-43:66

GASTROSPLENIC LIGAMENT-43:68

PHRENICOSPLENIC LIGAMENT-44:2

IV. Abdominal Cavity, Pelvis and Peritoneum

1. Abdominal Cavity and the Peritoneum

a. General Characteristics of the Abdominal Cavity, Viscera and

Peritoneum

In completing the opening of the abdominal cavity and demonstrating the abdominal and peritoneal relations of the following structures, the incision already made through the lower part of the anterior abdominal wall (11:25) is extended upward from the umbilicus to the xiphoid process, passing just to the left of the mid-sagittal plane.

LIVER-24:43

GALL BLADDER-25:0

STOMACH-25:75

GREATER OMENTUM-43:70

SMALL INTESTINE-33:25

LARGE INTESTINE-33:41

LESSER OMENTUM-43:64

PERITONEUM-43:46

PERITONEAL PERITONEUM-43:48

VISCERAL PERITONEUM-43:50

PERITONEAL CAVITY-43:52

b. Peritoneal Folds and Tones in Relation to the Small and Large

Intestines

MESENTERY-44:23

ROOT OF MESENTERY-43:34

DUODENAL FOLD-44:2

DUODENAL FOLD-44:10

GREATER OMENTUM-43:70

MESENTERON-43:56

TRANSVERSE MESENTERON-43:57

ASCENDING MESENTERON-43:58

DESCENDING MESENTERON-43:59

SIGMOID MESENTERON-43:50

MESENTERON-43:51

MESENTERY OF THE PERITONEAL FOLD-43:52

ILIOCAECAL FOLD-44:15

SUPRACILIC FOLD-44:15

INFERIOR ILIOCAECAL FOLD-44:16

CAECAL FOLD-44:16

CAECAL FOLD-44:16

RETROCAECAL FOLD-44:17

PARACAECAL FOLD-44:18

PERITONEAL FOLD-44:19

c. Peritoneal Ligaments in Relation to the Large Intestine and Spleen

PERITONEAL LIGAMENT OF THE SPLEEN-44:23

PERITONEAL LIGAMENT OF THE SPLEEN-44:23

RIGHT AND LEFT PHRAGMIC LIGAMENTS-44:25

LESSER OMENTUM-43:64

HEPATIC LIGAMENT-43:65

HEPATIC LIGAMENT-43:65

GASTROSPLENIC LIGAMENT-44:25

PERITONEAL LIGAMENT-44:25

d. Omental bursa-43:71

FORAMEN EPIPLOICUM-43:77

The extend and following subdivisions of the omental bursa may be exposed by inserting the finger through the foramen epiploicum:

VESTIBULE OF BURSA-43:72

SUPERIOR OMENTAL RECESS-43:73

INFERIOR OMENTAL RECESS-43:74

SPLENIC RECESS-43:75

e. Relations of the pelvic peritoneum

RECTOVESICAL EXCAVATION OR POUCH-44:38

PUBOVESICAL FOLD-44:25

TRANSVERSE VESICAL FOLD-44:26

The following structures relate to the female pelvis only:

BROAD LIGAMENT OF THE UTERUS-44:29

RECTOUTERINE EXCAVATION OR POUCH-44:36

VESICOUTERINE EXCAVATION OR POUCH-44:37

f. Peritoneal relations in general

The relations of the peritoneum in general may be traced in cross and sagittal sections of the abdomen, Some of the peritoneal relations of such retroperitoneal organs as the kidney, duodenum and pancreas may be determined by palpation.

2. Mesenteric blood vessels, nerves and lymphatics

SUPERIOR MESENTERIC ARTERY-50:36 Not including its origin.

Exposed by removing the right layer of peritoneum of the mesentery, the inferior layer of the transverse mesocolon, and the peritoneum of the posterior abdominal wall between the root of the mesentery and the ascending colon.

INTESTINAL ARTERIES-50:37

JEJUNAL ARTERIES-50:39

ILEAL ARTERIES-50:40

INFERIOR PANCREATICODUODENAL ARTERY-50:38

ILEOCOLIC ARTERY-50:41

APPENDICULAR ARTERY-50:42

RIGHT COLIC ARTERY-50:43

MIDDLE COLIC ARTERY-50:44

SUPERIOR MESENTERIC VEIN-55:17

The tributaries of the superior mesenteric vein-55:18-25, consist of vessels corresponding to the branches of the superior mesenteric artery, together with veins from the stomach and pancreas.

SUPERIOR MESENTERIC SYMPATHETIC PLEXUS-72:32

MESENTERIC LYMPH GLANDS-56:64

MESOCOLIC LYMPH GLANDS-56:65

INFERIOR MESENTERIC ARTERY-50:45

Demonstrated by removing the peritoneum from the posterior abdominal wall between the root of the mesentery and the descending and iliac colon.

LEFT COLIC ARTERY-50:46

SIGMOID ARTERIES-50:47

SUPERIOR HAEMORRHOIDAL ARTERY-50:48 Exclusive of its termination.

4. General Disposition

FORAMEN SUPRACILIUM-45:77
The extent and following disposition of the cranial bones may be exposed by inserting the finger through the foramen
supraciliare:
VENTRUM OF SUPRA-45:75
SUPRACILIUM SUPRACILIUM-45:75
SUPRACILIUM SUPRACILIUM-45:75
SUPRACILIUM SUPRACILIUM-45:75

5. Disposition of the pelvic foramina

NECROSCOPIC EXAMINATION OF PELVIS-44:33
PNEUMOTIC PELVIS-44:33
TRANSVERSE PELVIS-44:33
The following structures relate to the female pelvic canal:
BROAD LIGAMENT OF THE UTERUS-44:33
NECROSCOPIC EXAMINATION OF PELVIS-44:33
NECROSCOPIC EXAMINATION OF PELVIS-44:33

6. Pelvic Disposition in General

The relations of the peritoneum in general may be traced in cross and vertical sections of the abdomen. Some of the peritoneal folds of each representative organ as the kidney, stomach and pancreas may be determined by palpation.

7. Mesenteric blood vessels, nerves and lymphatics

SUPERIOR MESENTERIC ARTERY-50:35 Not including its origin.
Exposed by removing the right layer of peritoneum of the mesentery, the inferior layer of the transverse mesocolon; and the peritoneum of the posterior abdominal wall between the roots of the mesentery and the ascending colon.

INFERIOR MESENTERIC ARTERY-50:37
SUPRA-50:35
SUPRA-50:35
SUPRA-50:35
INFERIOR PANCREATODUODENAL ARTERY-50:35

INFERIOR ARTERY-50:41
APRIL-50:41

RIGHT COLIC ARTERY-50:43
LEFT COLIC ARTERY-50:43
SUPERIOR MESENTERIC VEIN-50:47

The disposition of the superior mesenteric vein-50:47-50:52 consists of vessels corresponding to the branches of the superior mesenteric artery, together with veins from the stomach and pancreas.

SUPERIOR MESENTERIC VEIN-50:52

MESENTERIC LYMPH GLANDS-50:52

MESOCOLIC LYMPH GLANDS-50:52

INFERIOR MESENTERIC ARTERY-50:45

Demonstrated by removing the peritoneum from the posterior abdominal wall between the roots of the mesentery and the descending and iliac colon.

LEFT COLIC ARTERY-50:45

INFERIOR ARTERY-50:45

SUPERIOR PANCREATODUODENAL ARTERY-50:35

INFERIOR MESENTERIC VEIN-55:26

LEFT COLIC VEIN-55:27

SIGMOID VEINS-55:28

SUPERIOR HAEMORRHOIDAL VEIN-55:29

Participates in an important anastomosis between the systematic and portal circulation.

INFERIOR MESENTERIC SYMPATHETIC PLEXUS-72:35

3. Mesenterial small intestine and the large intestine

a. Mesenterial small intestine-33:58

JEJUNUM-33:59

ILEUM-33:60

The following structures can best be demonstrated in the intestine which has been removed from the abdomen, opened along its mesenteric border and its contents washed out. For its removal, the small intestine may be divided between ligatures about 5 cm. below the duodenojejunal flexure and about 10 cm. above the ileocaecal junction, and its connections severed with the mesentery and mesenterial blood vessels.

TUNICA SEROSA-33:30

TUNICA MUSCULARIS-33:31

LONGITUDINAL LAYER-33:32

CIRCULAR LAYER-33:33

TELA SUBMUCOSA-33:34

TUNICA MUCOSA-33:35, 36

PLICAE CIRCULARES-33:37

INTESTINAL VILLI-33:38 Demonstrated with a hand lens.

INTESTINAL GLANDS-33:40 Demonstrated with a hand lens.

AGGREGATED LYMPH NODULES-33:41

SOLITARY LYMPH NODULES-33:40

CHYME-33:42

CHYLE-33:43

INTESTINAL JUICE-33:44

b. Large intestine-33:61

CAECUM-33:62

VERIFORM PROCESS-33:67

COLON-33:70

ASCENDING COLON-33:71

RIGHT COLIC FLEXURE-33:72

TRANSVERSE COLON-33:73

LEFT COLIC FLEXURE-33:74

DESCENDING COLON-33:75

SIGMOID COLON-33:76

TAENIAE COLI-33:82

TAENIA MESOCOLICA-34:1

TAENIA OMENTALIS-34:2

TAENIA LIBERA-34:3

HAUSTRA COLI-33:78

APPENDICES EPIPLOICAE-33:80

The following structures can be demonstrated to best advantage after the large intestine has been divided between ligatures at the junction of the sigmoid colon with the rectum, removed from the abdomen and its contents washed out.

VALVULA COLI-33:63

INFERIOR AND SUPERIOR LIPS-33:64, 65

FRENULA OF THE VALVE OF THE COLON-33:66

INFERIOR MESENTERIC VEIN-33:56
 LEFT COLIC VEIN-33:57
 SIGMOID VEIN-33:58
 SUPERIOR HEMORRHOIDAL VEIN-33:59
 Participates in an important anastomosis between the
 systemic and portal circulation.
 INFERIOR MESENTERIC SYMPATHETIC FLEXUS-33:59

3. Mesenteric small intestine and the large intestine

a. Mesenteric small intestine-33:58

ILEUM-33:59
 ILEUM-33:60
 The following structures can best be demonstrated in the intestine
 which has been removed from the abdomen, opened along its mesenteric
 border and its contents washed out. For its removal, the small
 intestine may be divided between ligatures about 5 cm. below the
 duodenojejunal flexure and about 10 cm. above the ileocecal junction
 and its connections severed with the mesentery and mesenteric
 blood vessels.
 TUNICA SEROSA-33:30
 TUNICA MUSCULARIS-33:31
 LONGITUDINAL LAYER-33:32
 CIRCULAR LAYER-33:33
 TUNICA SUBMUCOSA-33:34
 TUNICA MUCOSA-33:35
 PILICAE CIRCULARES-33:36
 INTESTINAL VILLI-33:38
 INTESTINAL GLANDS-33:40
 AGGREGATED LYMPH NODULES-33:41
 SOLITARY LYMPH NODULES-33:42
 CHYME-33:43
 CHYME-33:43
 INTESTINAL JUICE-33:44

b. Large intestine-33:45

CAECUM-33:46
 VERIFORM PROCESS-33:47
 COLON-33:48
 ASCENDING COLON-33:49
 RIGHT COLIC FLEXURE-33:50
 TRANSVERSE COLON-33:51
 LEFT COLIC FLEXURE-33:52
 DESCENDING COLON-33:53
 SIGMOID COLON-33:54
 TAENIA COLI-33:55
 TAENIA MESOCOLICA-34:1
 TAENIA OMENTALIS-34:2
 TAENIA LIBERA-34:3
 HAUSTRUM COLI-33:56
 APPENDICES VERIFORMES-33:57

The following structure can be demonstrated to best advantage after
 the large intestine has been divided between ligatures at the junction
 of the sigmoid colon with the rectum, removed from the abdomen
 and its contents washed out.

VALVULA COLI-33:58
 INFERIOR AND SUPERIOR LIG-33:59

(VALVE OF THE VERMIFORM PROCESS)-33:58
 AGGREGATED NODULES OF THE VERMIFORM PROCESS-33:69
 TUNICA SEROSA-33:79
 TUNICA MUSCULARIS-33:81
 TUNICA SUBMUCOSA-34:4
 TUNICA MUCOSA-34:5; 6
 INTESTINAL GLANDS-34:7
 SOLITARY LYMPHATIC NODULES-34:8

4. Structures in relation to the walls of the omental bursa

a. Biliary ducts and vessels in the lesser omentum

The exposure of the structures in the lesser omentum may be facilitated by the removal of the greater part of the left lobe of the liver. To this end an incision may be made through the left lobe in an anterior-posterior direction, beginning just at the left of the falciform ligament and terminating near the left margin of the fossa for the ductus venosus (keeping the detached part of the liver wrapped in a damp cloth for later study).

COMMON BILE DUCT-35:16
 HEPATIC DUCT-35:3
 CYSTIC DUCT-35:10
 PORTAL VEIN-55:15
 HEPATIC ARTERY-50:19
 RIGHT GASTRIC ARTERY-50:20
 PROPER HEPATIC ARTERY-50:21
 RIGHT RAMUS-50:22
 CYSTIC ARTERY-50:23
 LEFT RAMUS-50:24
 LEFT GASTRIC ARTERY-50:17

b. Remaining vessels in relation to the walls of the omental bursa

GASTRODUODENAL ARTERY-50:25
 RIGHT GASTROEPIDIPLOIC ARTERY-50:29
 In exposing the following structures tiny remaining parts of the lesser omentum are removed, the right gastric artery, right gastroepiploic artery and stomach are divided just to the left of the pylorus, the stomach displaced toward the left side, and the posterior wall of the lesser omental bursa carefully removed, but guarding against undue displacement of the pancreas.

SUPERIOR PANCREATODUODENAL ARTERY-50:26
 COELIAC ARTERY-50:16
 LEFT GASTRIC ARTERY-50:17
 HEPATIC ARTERY-50:19 For its branches see the preceding section, 4a.
 SPLENIC ARTERY-50:31
 PANCREATIC RAMI-50:32
 LEFT GASTROEPIDIPLOIC ARTERY-50:33
 SHORT GASTRIC ARTERIES-50:34
 SPLENIC RAMI-50:35
 PORTAL VEIN-55:15
 CORONARY VEIN OF THE STOMACH-55:16
 SUPERIOR MESENTERIC VEIN-55:17
 INFERIOR MESENTERIC VEIN-55:26
 SPLENIC VEIN-55:30
 LEFT GASTROEPIDIPLOIC VEIN-55:32
 CYSTIC VEIN-55:33

(VALUE OF THE VENTRICULAR PROCESS) 55:18
 AGGREGATED NUMBER OF THE VENTRICULAR PROCESS 55:18
 TUNICA SEROSA 55:19
 TUNICA MUSCULARIS 55:21
 TUNICA SUBMUCOSA 55:24
 TUNICA MUCOSA 55:25
 INTESTINAL CANAL 55:27
 SOLITARY LYMPHATIC NODULE 55:28

4. Structures in relation to the wall of the esophagus

a. Arteries branching in relation to the lesser curvature

The exposure of the structures in this region may be facilitated by the removal of the greater part of the left lobe of the liver. To this end an incision may be made through the left lobe in an anterior-posterior direction, beginning just at the left of the leftmost ligament and terminating near the left angle of the foramen for the ductus venosus (keeping the detached part of the liver wrapped in a damp cloth for later use).

COMMON BILE DUCT 55:18
 HEPATIC DUCT 55:19
 CYSTIC DUCT 55:20
 PORTAL VEIN 55:21
 HEPATIC ARTERY 55:22
 RIGHT GASTRIC ARTERY 55:23
 PROPER HEPATIC ARTERY 55:24
 RIGHT GASTRIC ARTERY 55:25
 CYSTIC ARTERY 55:26
 LEFT GASTRIC ARTERY 55:27
 LEFT GASTRO ARTERY 55:28

b. Arteries branching in relation to the wall of the abdominal cavity

RIGHT GASTROEPHRYGIC ARTERY 55:29

In exposing the following structures any remaining parts of the lesser curvature removed, the right gastric artery, right gastroepipharyngeal artery and stomach are divided just to the left of the pylorus, the stomach displaced toward the left side, and the greater wall of the lesser curvature carefully removed, but guard- ing against undue displacement of the pancreas.

SUPERIOR PANCREATODUODENAL ARTERY 55:30

COeliac ARTERY 55:31

LEFT GASTRIC ARTERY 55:32

HEPATIC ARTERY 55:33 For list of branches see the preceding

SPLEEN 55:34

SPLENIC ARTERY 55:35

PANCREATODUODENAL ARTERY 55:36

LEFT GASTROEPHRYGIC ARTERY 55:37

RIGHT GASTRIC ARTERY 55:38

SPLENIC ARTERY 55:39

PORTAL VEIN 55:40

CORONARY VEIN OF THE STOMACH 55:41

SUPERIOR MESENTERIC VEIN 55:42

INFERIOR MESENTERIC VEIN 55:43

SPLENIC VEIN 55:44

LEFT GASTROEPHRYGIC VEIN 55:45

PARTICIPATING VEINS-55:36

The portal vein also participates in important oesophageal, rectal, peritoneal and umbilical anastomoses.

5. Duodenum and pancreasa. Duodenum-33:45

PARS SUPERIOR-33:46

PARS DESCENDENS-33:47

PARS HORIZONTALIS-33:49

PARS ASCENDENS-33:50

SUSPENSORY MUSCLE OF THE DUODENUM-33:54

DUODENAL PAPILLA-33:56

Exposed by making a longitudinal incision through the anterior wall of the duodenum.

LONGITUDINAL FOLD OF DUODENUM-33:55

b. Pancreas-34:26

HEAD OF PANCREAS-34:27

UNCINATE PROCESS-34:28

NOTCH OF THE PANCREAS-34:29

BODY OF PANCREAS-34:30

ANTERIOR, POSTERIOR AND INFERIOR SURFACES-34:31-33

SUPERIOR; ANTERIOR AND POSTERIOR MARGINS-34:34-36

OMENTAL TUBER-34:37

TAIL OF PANCREAS-34:38

PANCREATIC DUCT-34:39

ACCESSORY PANCREATIC DUCT-34:40

(ACCESSORY PANCREAS)-34:41

6. Stomach and spleena. Stomach-32:78

VAGUS NERVE-68:22 In its relation to the stomach and adjacent organs.

ANTERIOR AND POSTERIOR GASTRIC PLEXUSES-68:51, 52

HEPATIC RAMI-68:53

COELIAC RAMI-68:54

STOMACH-32:78

ANTERIOR AND POSTERIOR WALLS OF STOMACH-32:79, 80

GREATER AND LESSER CURVATURES OF STOMACH-32:1, 2

CARDIA-33:3

FUNDUS OF STOMACH-33:4

BODY OF STOMACH-33:5

PYLORUS-33:6

CARDIAC PART-33:7

PYLORIC PART-33:8

(CARDIAC ANTRUM)-33:9

PYLORIC ANTRUM-33:10

The exposure of the following structures is facilitated by dividing the abdominal part of the oesophagus, removing the stomach, and opening the stomach by an incision along its greater curvature.

SEROUS COAT-33:11

MUSCULAR COAT-33:12

LONGITUDINAL LAYER-33:13

CIRCULAR LAYER-33:15

OBLIQUE FIBERS-33:17

PORTAL VEIN-33:38
The portal vein also participates in important esophageal, rectal, peritoneal and umbilical anastomoses.

5. Duodenum and pancreas

a. Duodenum-33:45

PARS SUPERIOR-33:46
PARS DESCENDENS-33:47
PARS HORIZONTALIS-33:48
PARS ASCENDENS-33:50
SUPPLEMENTARY MUSCLE OF THE DUODENUM-33:54
DUODENAL PAPILLA-33:56
Exposed by making a longitudinal incision through the anterior wall of the duodenum.
LONGITUDINAL FOLD OF DUODENUM-33:55

b. Pancreas-34:38

HEAD OF PANCREAS-34:37
UNEQUATE PROCESS-34:38
NOTCH OF THE PANCREAS-34:39
BODY OF PANCREAS-34:40
ANTERIOR, POSTERIOR AND INTERIOR SURFACES-34:41-42
SUPERIOR, ANTERIOR AND POSTERIOR MARGINS-34:43-44
OMENTAL TERN-34:47
TAIL OF PANCREAS-34:48
PANCREATIC DUCT-34:49
ACCESSORY PANCREATIC DUCT-34:50
(ACCESSORY PANCREAS)-34:51

6. Stomach and spleen

a. Stomach-35:78

VAGUS NERVE-35:82 In its relation to the stomach and adjacent organs.
ANTERIOR AND POSTERIOR GASTRIC PLEXUSES-35:81, 82
HEPATIC RAMI-35:83
GASTRIC RAMI-35:84
STOMACH-35:78
ANTERIOR AND POSTERIOR WALLS OF STOMACH-35:79, 80
GREATER AND LESSER CURVATURES OF STOMACH-35:81, 82
CARDIA-35:83
FUNDS OF STOMACH-35:84
BODY OF STOMACH-35:85
PYLORUS-35:86
CARDIAC PART-35:87
PYLORIC PART-35:88
(CARDIAC ANTRUM)-35:89
PYLORIC ANTRUM-35:90
The exposure of the following structures is facilitated by dividing the abdominal part of the esophagus, removing the stomach, and opening the stomach by an incision along its greater curvature.
SEROUS COAT-35:91
MUSCULAR COAT-35:92
LONGITUDINAL LAYER-35:93
CIRCULAR LAYER-35:94
CHLOROPHYLL-35:95

PYLORIC VALVE-33:18
TELA SUBMUCOSA-33:19
TUNICA MUCOSA-33:20
GASTRIC PITS-33:24

b. Spleen-35:18

DIAPHRAGMATIC SURFACE-35:19
RENAL SURFACE-35:20
GASTRIC SURFACE-35:21
SUPERIOR AND INFERIOR EXTREMITIES-35:22, 23
POSTERIOR AND ANTERIOR MARGINS-35:34, 25
TUNICA SEROSA-35:27
TUNICA ALBUGINEA-35:28
SPLENIC PULP-35:30
SPLENIC RAMI OF SPLENIC ARTERY-35:31
(ACCESSORY SPLEEN)-35:34

7. Sympathetic plexuses in relation to the coeliac ganglion and coeliac plexus

COELIAC PLEXUS-72:19
COELIAC GANGLION-72:20
If the thorax has been previously dissected, these ganglia may be conveniently located by tracing the great splanchnic nerves down to their junction with the ganglia.
SUPERIOR GASTRIC PLEXUS-72:26
HEPATIC PLEXUS-72:24
INFERIOR GASTRIC PLEXUS-72:27
SPLENIC PLEXUS-72:25
RENAL PLEXUS-72:29
SUPRARENAL PLEXUS-72:28
PHRENIC PLEXUS-72:22
SUPERIOR MESENTERIC PLEXUS-72:32
ABDOMINAL AORTIC PLEXUS-72:18

8. Liver-34:43

For the ligaments and peritoneal relation of the liver, see IV:1c. The removal of the liver involves the following incisions: a) division of the portal vein at the level of the foramen epiploicum; b) raising the liver as much as possible, cutting through the inferior vena cava vein at the point where it comes in contact with the inferior aspect of the liver and to the right of the inferior vena cava cutting through the inferior layer of the coronary ligament; c) in connection with the superior and posterior aspects of the liver dividing the ligamentum teres and the falciform ligament, the right and left triangular ligaments and superior layer of the coronary ligament; d) separating the posterior surface of the liver from the diaphragm and make a second cut through the inferior vena cava just below the diaphragm and completing the detachment of the organ.

RIGHT LOBE OF LIVER-34:59
QUADRATE LOBE OF LIVER-34:60
CAUDATE LOBE OF LIVER-34:61
PAPILLARY PROCESS-34:62
CAUDATE PROCESS-34:63
LEFT LOBE OF LIVER-34:64
RIGHT SAGITTAL FOSSA-34:49

PHENOL WATER-35:15
TINIA WATER-35:15
TINIA WATER-35:15
OASTIC WATER-35:15

2. Salivary Glands

DIAPHRAGMATIC SURFACE-35:15
RENAL SURFACE-35:15
GASTRIC SURFACE-35:15
SURFACE AND INTERNAL SURFACE-35:15
POSTERIOR AND ANTERIOR SURFACE-35:15
TINIA SURFACE-35:15
TINIA SURFACE-35:15
PHENOL WATER-35:15
PHENOL WATER OF PHENOL WATER-35:15
(ACCESSORY SURFACE)-35:15

3. Sympathetic Nervous System in Relation to the Sympathetic Nervous System and Sympathetic

PHENOL

CORONAL PHENOL-35:15
CORONAL PHENOL-35:15
If the system has been previously dissected, the ganglia may be conveniently located by tracing the great sympathetic nerve down to their junction with the ganglia.
SUPERIOR GASTRIC PHENOL-35:15
PHENOL PHENOL-35:15
INFERIOR GASTRIC PHENOL-35:15
PHENOL PHENOL-35:15
RENAL PHENOL-35:15
PHENOL PHENOL-35:15
PHENOL PHENOL-35:15
PHENOL PHENOL-35:15
PHENOL PHENOL-35:15
PHENOL PHENOL-35:15
PHENOL PHENOL-35:15

4. Liver-35:15

For the ligaments and partitions of the liver, see IV:15.
The removal of the liver involves the following dissections: a) division of the portal vein at the level of the foreman epiploicus; b) retaining the liver as much as possible, making through the inferior vena cava vein at the point where it comes in contact with the inferior aspect of the liver and to the right of the inferior vena cava cutting through the inferior layer of the coronary ligament; c) in connection with the superior and posterior aspects of the liver dividing the ligamentum teres and the falciform ligament, the right and left triangular ligaments and superior layer of the coronary ligament; d) separating the posterior surface of the liver from the diaphragm and make a second cut through the inferior vena cava just below the diaphragm and completing the detachment of the liver.

RIGHT LOBE OF LIVER-35:15
CORONAL LIG OF LIVER-35:15
CORONAL LIG OF LIVER-35:15
IMPERIAL PHENOL-35:15
CORONAL PHENOL-35:15
LEFT LOBE OF LIVER-35:15
RIGHT SURFACE OF LIVER-35:15

FOSSA FOR THE GALL BLADDER-34:50
 FOSSA FOR VENA CAVA-34:51
 LEFT SAGITTAL FOSSA-34:52
 FOSSA FOR UMBILICAL VEIN-34:33
 FOSSA FOR DUCTUS VENOSUS-34:54
 ANTERIOR MARGIN-34:47
 INCISURA UMBILICALIS-34:48
 SUPERIOR SURFACE-34:44
 POSTERIOR SURFACE-34:45
 OESOPHAGEAL IMPRESSION-34:68
 SUPRARENAL IMPRESSION-34:73
 INFERIOR SURFACE-34:45
 PORTA HEPATIS-34:58
 OMENTAL TUBER-34:67
 GASTRIC IMPRESSION-34:69
 DUODENAL IMPRESSION-34:70
 COLIC IMPRESSION-34:71
 RENAL IMPRESSION-34:72

The following hepatic structures may be demonstrated in cut surfaces of the liver, some of them requiring a hand lens or microscope for their identification.

HEPATIC LOBULES-34:74
 FIBROUS CAPSULE-34:75
 INTERLOBULAR ARTERIES-34:76
 INTERLOBULAR VEINS-34:77
 CENTRAL VEINS-34:78
 BILE DUCTS-35:1
 INTERLOBULAR DUCTS-35:2
 VASA ABERRANTIA HEPATIS-35:3
 BILE-35:5
 GALL BLADDER-35:6
 FUNDUS OF GALL BLADDER-35:7
 BODY OF GALL BLADDER-35:8
 NECK OF GALL BLADDER-35:9
 CYSTIC DUCT-35:10
 SPIRAL VALVE-35:15

The following structures require a hand lens or a microscope for their adequate demonstration:

TUNICA SEROSA OF GALL BLADDER-35:11
 TUNICA MUSCULARIS OF GALL BLADDER-35:12
 TUNICA MUCOSA OF GALL BLADDER-35:13
 PLICAE TUNICAE MUCOSAE OF GALL BLADDER-35:14
 GLANDULAE MUCOSAE BILIOSAE-35:17

9. Suprarenal gland, kidney and ureter

a. Suprarenal gland-39:52

HILUS OF SUPRARENAL GLAND-39:55
 ANTERIOR AND POSTERIOR SURFACES-39:56, 57
 BASE-39:58
 APEX-39:59
 SUPERIOR AND MEDIAL MARGINS-39:60, 61
 (ACCESSORY SUPRARENAL GLANDS)-39:63
 CORTICAL SUBSTANCE-39:53
 MEDULLARY SUBSTANCE-39:54
 CENTRAL VEIN-39:62

FOSSA FOR THE GALL BLADDER-34:10
 FOSSA FOR THE PANCREAS-34:11
 LEFT GASTRIC FOSSA-34:12
 FOSSA FOR THE UTERUS-34:13
 FOSSA FOR THE OVARY-34:14
 ANTERIOR SURFACE-34:15
 LINGUAL SURFACE-34:16
 SUPERIOR SURFACE-34:17
 POSTERIOR SURFACE-34:18
 TRANSVERSE IMPRESSION-34:19
 SUPRACARDIAL IMPRESSION-34:20
 INTERIOR SURFACE-34:21
 POSTERIOR SURFACE-34:22
 GASTRIC TUBER-34:23
 GASTRIC IMPRESSION-34:24
 DUCAL IMPRESSION-34:25
 COLIC IMPRESSION-34:26
 RENAL IMPRESSION-34:27

The following names are structures may be demonstrated in one surface of the liver, some of them requiring a hand lens or microscope for their identification.

HEPATIC LOBULE-34:28
 GASTRIC CAPSULE-34:29
 INTERLOBULAR ARTERY-34:30
 INTERLOBULAR VEIN-34:31
 CENTRAL VEIN-34:32
 BILE DUCT-34:33
 INTERLOBULAR DUCT-34:34
 VASA LAXA-34:35
 BILE-34:36
 GALL BLADDER-34:37
 FUNDUS OF GALL BLADDER-34:38
 BODY OF GALL BLADDER-34:39
 NECK OF GALL BLADDER-34:40
 CYSTIC DUCT-34:41
 SPINAL VALVE-34:42

The following structures require a hand lens or a microscope for their identification:
 TWICE LENGTH OF GALL BLADDER-34:43
 TWICE BREADTH OF GALL BLADDER-34:44
 TWICE WIDTH OF GALL BLADDER-34:45
 TWICE LENGTH OF GALL BLADDER-34:46
 TWICE BREADTH OF GALL BLADDER-34:47

ANATOMY AND PHYSIOLOGY

1. (Anatomy) 34:48
 2. (Physiology) 34:49
 HILLS OF THE LIVER-34:50
 ANTERIOR AND POSTERIOR SURFACES-34:51
 BASE-34:52
 APIC-34:53
 SUPERIOR AND INFERIOR SURFACES-34:54
 (Anatomy) 34:55
 PORTAL SURFACE-34:56
 MEDIAN SURFACE-34:57
 CENTRAL VEIN-34:58

b. Vascular supply of the kidney and suprarenal glands

Exposed by removing the kidneys and suprarenal glands (before doing this however, advantage may be taken of the opportunity of determining the relations of the kidney to these organs and adjacent structures).

RENAL ARTERY-50:50 cf. also-39:4

INFERIOR SUPRARENAL ARTERY-50:51

MIDDLE SUPRARENAL ARTERY-50:49

RENAL VEINS-55:9

SUPRARENAL VEINS-55:10

c. Kidney-38:37

ADIPOSE CAPSULE-38:49

LATERAL MARGIN-38:38

MEDIAL MARGIN-38:39

RENAL HILUS-38:40

RENAL SINUS-38:41

ANTERIOR AND POSTERIOR SURFACES-38:42; 43

SUPERIOR AND INFERIOR EXTREMITIES-38:44, 45

(HEPATIC IMPRESSION)-38:46

(GASTRIC IMPRESSION)-38:47

The following may be demonstrated to best advantage by cutting through the kidney along its lateral margin and dividing the organ into symmetrical halves:

TUNICA FIBROSA-38:50

CORTICAL SUBSTANCE-38:55

MEDULLARY SUBSTANCE-38:56

RENAL PYRAMIDS-38:58

RENAL PAPILLAE-38:60

RENAL COLUMNS-38:63

RENAL PELVIS-38:70

RENAL CALCULES-38:71

d. Ureter-39:19

ABDOMINAL PART-39:20

10. Diaphragm

DIAPHRAGM-25:9

LUMBAR PART-25:10

MEDIAL CRUS-25:11

INTERMEDIATE CRUS-25:12

LATERAL CRUS-25:13

COSTAL PART-25:14

STERNAL PART-25:15

AORTIC OPENING-25:16

ESOPHAGEAL OPENING-25:17

CENTRAL TENDON-25:18

OPENING FOR VENA CAVA-25:19

MEDIAL LUMBOCOSTAL ARCH-25:20

LATERAL LUMBOCOSTAL ARCH-25:21

V. Structures in Relation to the Posterior Abdominal Wall

1. Blood-vessels and lymphatics

b. Accessory vessels of the kidney and suprarenal glands
 Exposed by removing the kidney and suprarenal glands (before doing this, however, advantage may be taken of the opportunity of determining the relations of the kidney to these organs and adjacent structures).

- RENAL ARTERY-20:20
- CL. ARTERY-20:20
- INFERIOR SUPRARENAL ARTERY-20:21
- MIDDLE SUPRARENAL ARTERY-20:49
- RENAL VEIN-22:2
- SUPRARENAL VEIN-22:10

c. Kidney-38:37

- ADIPOSE CAPSULE-38:49
- LATERAL MARGIN-38:38
- MEDIAL MARGIN-38:39
- RENAL HILUS-38:40
- RENAL SINUS-38:41
- ANTERIOR AND POSTERIOR SURFACES-38:42, 43
- SUPERIOR AND INFERIOR EXTREMITIES-38:44, 45
- (HEPATIC IMPRESSION)-38:46
- (GASTRIC IMPRESSION)-38:47

The following may be demonstrated to best advantage by cutting through the kidney along its lateral margin and dividing the organ into symmetrical halves:

- TUNICA FIBROSA-38:50
- CORTICAL SUBSTANCE-38:55
- MEDULLARY SUBSTANCE-38:56
- RENAL PYRAMIDS-38:58
- RENAL PAPILLAE-38:60
- RENAL COLLECTS-38:63
- RENAL PELVIS-38:70
- RENAL CALYCES-38:71

d. Ureter-39:19

ABDOMINAL PART-39:20

10. Diaphragm

- DIAPHRAGM-25:9
- LUMBAR PART-25:10
- MEDIAL CRUS-25:11
- INTERMEDIATE CRUS-25:12
- LATERAL CRUS-25:13
- COSTAL PART-25:14
- STERNAL PART-25:15
- AORTIC OPENING-25:16
- ESOPHAGEAL OPENING-25:17
- CENTRAL TENDON-25:18
- OPENING FOR VENA CAVA-25:19
- MEDIAL LUMBOCOSTAL ARCH-25:20
- LATERAL LUMBOCOSTAL ARCH-25:21

V. Structures in Relation to the Posterior Abdominal Wall

1. Blood-vessels and Lymphatics

a. Arteries

ABDOMINAL AORTA-50:5

PARIETAL BRANCHES-50:6

INFERIOR PHRENIC ARTERY-50:7

SUPERIOR SUPRARENAL RAMI-50:8

LUMBAR ARTERIES-50:9-11

These arteries pass posterior to the sympathetic trunk which together with other nerves of the abdominal wall should be guarded from injury.

MIDDLE SACRAL ARTERY-50:12 Origin only.

VISCERAL BRANCHES-50:15

For the rami of the first five of the following arteries see IV:2, 4b and 9b.

COELIAC ARTERY-50:16

SUPERIOR MESENTERIC ARTERY-50:36

INFERIOR MESENTERIC ARTERY-50:45

MIDDLE SUPRARENAL ARTERY-50:49

RENAL ARTERIES-50:50

INTERNAL SPERMATIC ARTERIES-50:52

TESTICULAR ARTERY-50:53 In the male.

OVARIAN ARTERY-50:54 In the female.

COMMON ILIAC ARTERIES-50:55

HYPOGASTRIC ARTERY-50:56 Origin only.

EXTERNAL ILIAC ARTERY-51:31

INFERIOR EPIGASTRIC ARTERY-51:32

DEEP CIRCUMFLEX ILIAC ARTERY-51:37

b. Veins and lymphatics

INFERIOR VENA CAVA-55:3

PARIETAL ROOTS-55:4

INFERIOR PHRENIC VEIN-55:5

LUMBAR VEINS-55:6

VISCERAL ROOTS-55:7

HEPATIC VEINS-55:8

RENAL VEINS-55:9

SUPRARENAL VEINS-55:10

SPERMATIC VEIN-55:11

TESTICULAR VEIN-55:12

OVARIAN VEIN-55:13

COMMON ILIAC VEINS-55:37

MIDDLE SACRAL VEIN-55:38

HYPOGASTRIC VEIN-55:39 Termination only.

EXTERNAL ILIAC VEINS-55:58

INFERIOR EPIGASTRIC VEINS-55:59

DEEP CIRCUMFLEX ILIAC VEIN-55:50

CISTERNA CHYLI-56:28

INTESTINAL LYMPHATIC TRUNK-56:27

LUMBAR LYMPHATIC TRUNKS-56:26

ILIAC LYMPH GLANDS-56:57

LUMBAR LYMPH GLANDS-56:58

COELIAC LYMPH LANDS-56:59

AZYGOS VEIN-56:53

HEMIAZYGOS VEIN-56:54

2. Fascia and muscles of posterior abdominal wall

ILIAC FASCIA-27:55

a. Arteries

ABDOMINAL AORTA-50:2

PARIETAL BRANCHES-50:5

INFERIOR PHRENIC ARTERY-50:7

SUPERIOR SUPRARENAL ARTERY-50:8

LUMBAR ARTERIES-50:9-11

These arteries pass posterior to the sympathetic trunk which together with other nerves of the abdominal wall should be guarded from injury.

MIDDLE SACRAL ARTERY-50:12 Origin only.

VISCERAL BRANCHES-50:12

For the trunk of the first five of the following arteries see IV:2, 4b and 2b.

COELIAC ARTERY-50:16

SUPERIOR MESENTERIC ARTERY-50:36

INFERIOR MESENTERIC ARTERY-50:45

MIDDLE SUPRARENAL ARTERY-50:49

RENAL ARTERIES-50:50

INTERNAL SPERMATIC ARTERIES-50:52

TESTICULAR ARTERY-50:53 In the male.

OVARIAN ARTERY-50:54 In the female.

COMMON ILLIAC ARTERIES-50:55

HYPOGASTRIC ARTERY-50:56 Origin only.

EXTERNAL ILLIAC ARTERY-51:31

INFERIOR EPIGASTRIC ARTERY-51:32

DEEP CIRCUMFLEX ILLIAC ARTERY-51:37

b. Veins and lymphatics

INFERIOR VENA CAVA-52:3

PARIETAL VEINS-52:4

INFERIOR PHRENIC VEIN-52:5

LUMBAR VEINS-52:6

VISCERAL VEINS-52:7

HEPATIC VEINS-52:8

RENAL VEINS-52:9

SUPRARENAL VEINS-52:10

SPERMATIC VEIN-52:11

TESTICULAR VEIN-52:12

OVARIAN VEIN-52:13

COMMON ILLIAC VEINS-52:37

MIDDLE SACRAL VEIN-52:38

HYPOGASTRIC VEIN-52:39 Termination only.

EXTERNAL ILLIAC VEINS-52:39

INFERIOR EPIGASTRIC VEINS-52:39

DEEP CIRCUMFLEX ILLIAC VEIN-52:50

CYSTERN CHYLII-52:52

INTESTINAL LUMBAR TRUNK-52:57

LUMBAR LUMBAR TRUNK-52:58

ILLIAC LYMPH GLANDS-52:59

LUMBAR LYMPH GLANDS-52:59

COELIAC LYMPH GLANDS-52:59

AZYGOS VEIN-52:59

HEMIAZYGOS VEIN-52:59

c. Nerves and muscles of posterior abdominal wall

QUADRATUS LUMBORUM MUSCLE-25:32

ILIOPSOAS MUSCLE-26:63

ILIAC MUSCLE-26:64

PSOAS MAJOR MUSCLE-26:65

In the demonstration of this muscle the following nerves are encountered and should be guarded from injury: the sympathetic trunk, medial to it, the genitofemoral nerve in relation to its anterior surface, the ilioinguinal and lateral femoral cutaneous nerves in relation to its lateral margin, and the femoral nerve, situated between the psoas major and iliacus muscles.

PSOAS MINOR MUSCLE-26:66

3. Nerves of the posterior abdominal wall

ABDOMINAL PART OF THE SYMPATHETIC TRUNK-72:15

LUMBAR GANGLION-72:16

RAMI COMMUNICANTES-68:72

TWELFTH INTERCOSTAL NERVE-70:1

LUMBAR NERVES-70:11

In demonstrating the lumbar nerves and lumbar plexus the psoas major muscle is removed by blunt dissection.

LUMBAR PLEXUS-70:23

MUSCULAR RAMI-70:24

ILIOHYPOGASTRIC NERVE-70:25

ILIOINGUINAL NERVE-70:29

GENITOFEMORAL NERVE-70:33

LUMBOINGUINAL NERVE-70:34

EXTERNAL SPERMATIC NERVE-70:35

LATERAL FEMORAL CUTANEOUS NERVE-70:36

FEMORAL NERVE-70:41

OBTURATOR NERVE-70:37

LUMBOSACRAL TRUNK-70:22 Origin only.

VI. PELVIS

1. Osteology

COXAL BONE-15:7

OBTURATOR FORAMEN-15:8

ILIAC BONE-15:14

ILIAC CREST-15:18

ILIAC FOSSA-15:31

ISCHIAL BONE-15:32

SUPERIOR RAMUS OF THE ISCHIAL BONE-15:34

INFERIOR RAMUS OF THE ISCHIAL BONE-15:35

PUBIC BONE-15:40

OBTURATOR SULCUS-15:46

INFERIOR AND SUPERIOR RAMI OF THE PUBIC BONE-15:49, 50

SACRUM-7:5

PELVIC SURFACE-7:7

PROMONTORY-7:10

ANTERIOR SACRAL FORAMINA-7:15

APEX OF SACRAL BONE-7:24

COCCYX-7:25

PELVIS-15:52

SYMPHYSIS OF PUBIC BONE-15:53

QUADRATUS LUMBORUM MUSCLE-28:33
 ILLIOPOAS MUSCLE-28:33
 ILLAC MUSCLE-28:34
 POAS MAJOR MUSCLE-28:35

In the demonstration of this muscle the following nerves are encountered and should be guarded from injury: the sympathetic trunk, medial to it, the genitofemoral nerve in relation to its anterior surface, the iliohypogastric and lateral femoral cutaneous nerves in relation to its lateral margin, and the femoral nerve, situated between the poas major and iliacus muscles.

POAS MINOR MUSCLE-28:36

3. Nerve of the posterior abdominal wall

ABDOMINAL PART OF THE SYMPATHETIC TRUNK-72:15

LUMBAR GANGLION-72:16

RAMI COMMUNICANTES-68:73

TWELFTH INTERCOSTAL NERVE-70:1

LUMBAR NERVES-70:11

In demonstrating the lumbar nerves and lumbar plexus the poas major muscle is removed by blunt dissection.

LUMBAR PLEXUS-70:23

MECULAR NERVE-70:24

ILIOHYPGASTRIC NERVE-70:25

ILIOINGUINAL NERVE-70:26

GENITOFEMORAL NERVE-70:27

LUMBOINGUINAL NERVE-70:28

EXTERNAL SPERMATIC NERVE-70:29

LATERAL FEMORAL CUTANEOUS NERVE-70:30

FEMORAL NERVE-70:31

OBTURATOR NERVE-70:32

LUMBOSACRAL TRUNK-70:33 Origin only.

VI. PELVIS

1. Osteology

COXAL BONE-15:7

OBTURATOR FORAMEN-15:8

ILLAC BONE-15:14

ILLAC CREST-15:15

ILLAC TUBER-15:31

ISCHIAL BONE-15:32

SUPERIOR RAMUS OF THE ISCHIAL BONE-15:34

INFERIOR RAMUS OF THE ISCHIAL BONE-15:35

PUBIC BONE-15:40

OBTURATOR SUBCUTANEOUS-15:44

INFERIOR AND SUPERIOR RAMI OF THE PUBIC BONE-15:46, 50

SACRUM-7:2

PELVIC SURFACE-7:10

PROMONTORY-7:10

ANTERIOR SACRAL FORAMINA-7:12

APEX OF SACRAL BONE-7:14

COCCYX-7:25

PELVIS-15:33

PUBIC ARCH-15:54
 MAJOR PELVIS-15:56
 MINOR PELVIS-15:57
 LINEA TERMINALIS-15:58
 SUPERIOR APERTURE OF THE PELVIS-15:62
 INFERIOR APERTURE OF THE PELVIS-15:63
 PELVIC AXIS-15:64
 CONJUGATE, TRANSVERSE AND OBLIQUE DIAMETERS-15:65-67
 PELVIC INCLINATION-15:68

2. Peritoneum and fascia in relation to the pelvis

a. Peritoneal folds in the male pelvis

TRANSVERSE VESICAL FOLD-44:26
 PUBOVESICAL FOLD-44:25
 MESORECTUM-43:61

b. Peritoneum of the female pelvis

RECTOUTERINE FOLDS-44:35
 RECTOUTERINE EXCAVATION-44:36
 VESICOUTERINE EXCAVATION-44:37
 FOSSA OVARICA-44:33
 BROAD LIGAMENT OF UTERUS-44:29
 MESOMETRIUM-44:30
 MESOSALPINX-44:31
 MESOVARIUM-44:32
 SUSPENSORY LIGAMENT OF THE OVARY-44:34

c. Fascia

PELVIC FASCIA-43:26

Demonstrated by removing the pelvic peritoneum by blunt dissection, guarding at the same time against injury to nerves and vessels.

SUPERIOR FASCIA OF PELVIC DIAPHRAGM-43:28
 TENDINOUS ARCH OF PELVIC FASCIA-43:29
 ENDOPELVIC FASCIA-43:27

MIDDLE PUBOPROSTATIC LIGAMENT-43:30 In the male.
 MIDDLE PUBOVESICAL LIGAMENT-43:30 In the female.
 LATERAL PUBOPROSTATIC LIGAMENT-43:31 In the male.
 LATERAL PUBOVESICAL LIGAMENT-43:31 In the female.

The demonstration of the anterior relations of the pelvic fascia is completed and the subsequent exposure of pelvic viscera facilitated by making the following dissections: a) detaching the suspensory ligament of the penis from the front of the symphysis, guarding at the same time against injury to the dorsal vein of the penis; b) detaching all muscles and fascia from the anterior surface of each pubic bone over a region extending about 2.5 cm. laterally from the symphysis pubis; c) sawing through the pubic bones by an incision on each side of the symphysis pubis extending from the pubic tubercle to a point just below the attachment of the arcuate ligament of the pubis; and d) detaching the pelvic fascia from the posterior surface of this isolated segment of bone and carefully removing the bone (retaining the latter for later reference).

INFERIOR FASCIA OF THE PELVIC DIAPHRAGM-43:32
 OBTURATOR FASCIA-43:40
 TENDINOUS ARCH OF THE LEVATOR ANI MUSCLE-43:22

PERINEAL BODY-15:54
MAJOR PELVIC VESSEL-15:56
MINOR PELVIC VESSEL-15:57
LIGAMENT OF THE PELVIS-15:58
SUPERIOR APERTURE OF THE PELVIS-15:59
INFERIOR APERTURE OF THE PELVIS-15:59
PELVIC AXIS-15:59
CONJUGATE, TRANSVERSE AND OBLIQUE DIAMETERS-15:59-60
PELVIC EXCAVATION-15:58

2. Peritoneum and Ligaments in relation to the pelvis

a. Peritoneum: folds in the male pelvis
TRANSVERSE VESICAL FOLD-15:58
PERIOVARIAL FOLD-15:58
MESOMETRIUM-15:58

b. Peritoneum of the female pelvis
RECTOGENITAL FOLD-15:58
RECTOGENITAL EXCAVATION-15:58
RECTOGENITAL EXCAVATION-15:58
TUBAL OVARIAN-15:58
BROAD LIGAMENT OF UTERUS-15:58
MESOMETRIUM-15:58
MESOMETRIUM-15:58
MESOMETRIUM-15:58
SUPEROVARIAN LIGAMENT OF THE OVARY-15:58

c. Fascia

PELVIC FASCIA-15:58

Demonstrated by removing the pelvic peritoneum by blunt dissection, guarding at the same time against injury to nerves and vessels.
SUPERIOR FASCIA OF PELVIC DIAPHRAGM-15:58
TENDINOUS ARCH OF PELVIC FASCIA-15:58
ENDOMETRIAL FASCIA-15:58
MIDDLE PUBICOSTATIC LIGAMENT-15:58 In the male.
MIDDLE PUBICOSTATIC LIGAMENT-15:58 In the female.
LATERAL PUBICOSTATIC LIGAMENT-15:58 In the male.
LATERAL PUBICOSTATIC LIGAMENT-15:58 In the female.
The demonstration of the anterior relations of the pelvic fascia is completed and the subsequent exposure of pelvic viscera facilitated by making the following dissections: a) detaching the suspensory ligament of the penis from the front of the symphysis, guarding at the same time against injury to the dorsal vein of the penis; b) detaching all muscles and fascia from the anterior surface of each pubic bone over a retractor extending about 2.5 cm. laterally from the symphysis; c) cutting through the ligament by an incision on each side of the symphysis, extending from the pubic tubercle to a point just below the attachment of the areolar ligament of the penis; and d) detaching the pelvic fascia from the posterior surface of each pubic segment of bone and carefully removing the bone (retaining the latter for later reference).
INFERIOR FASCIA OF THE PELVIC DIAPHRAGM-15:58
PERINEAL FASCIA-15:58

SUPERIOR FASCIA OF THE UROGENITAL DIAPHRAGM-43:36

3. Pelvic visceraa. In the male pelvis

URINARY BLADDER-39:29

VERTEX OF BLADDER-39:30

BODY OF BLADDER-39:31

FUNDUS OF BLADDER-39:32

URACHUS^x-39:34

The following structures are exposed by an incision beginning at the vertex of the bladder and extending through its wall in an anterior-posterior direction in the line of its median plane.

TUNICA SEROSA-39:35

TUNICA MUSCULARIS-39:36-39

TELA SUBMUCOSA-39:42

TUNICA MUCOSA-39:43

TRIGONE OF THE BLADDER-39:46

UVULA OF THE BLADDER-39:47

URETERAL FOLD-39:48

ORIFICE OF URETER-39:49

INTERNAL URETHRAL ORIFICE-39:50

URETHRAL RING-39:51

MALE URETHRA-41:19

Its internal structure is exposed by introducing a blunt pointed scissors into the internal urethral orifice and dividing the dorsal wall of the urethral canal throughout its entire extent.

PROSTATIC PART-41:20

URETHRAL CREST-41:21

SEMINAL HILLOCK-41:22

PROSTATIC UTRICLE-41:23

EJACULATORY DUCTS-40:30

Their openings only.

PROSTATIC DUCTS-40:59

Their openings only.

MEMBRANOUS PART-41:24

CAVERNOUS PART-41:25

EXCRETORY DUCTS OF BULBOURETHRAL GLANDS-40:64

NAVICULAR FOSSA OF URETHRA-41:26

(VALVULA FOSSAE NAVICULARIS)-41:27

EXTERNAL URETHRAL ORIFICE-41:28

URETHRAL LACUNAE-41:29

PENIS-40:66

The following structures are demonstrated in cross sections of the penis. For other structures of penis see II:1b and 2a.

CORPUS CAVERNOSUM PENIS-41:4

CORPUS CAVERNOSUM URETHRAE-41:5

TUNICA ALBUGINEA-41:5

SEPTUM PENIS-41:10

TRABECULAE CORPORUM CAVERNOSORUM-41:11

CAVERNAE CORPORUM CAVERNOSORUM-41:12

The demonstration of the remaining pelvic structures may be facilitated by detaching the fifth lumbar vertebrae from the sacrum, dividing the sacrum, coccyx, and any remaining soft structures in the median sagittal plane, and separating the two halves of the pelvis.

RECTUM-34:9

SACRAL FLEXURE-34:10

PERINEAL FLEXURE-34:11

RECTAL AMPULLA-34:12

MUCOUS MEMBRANE-34:17

SUPERIOR TABLE OF THE UROGENITAL DIAGRAM-43:55

3. Male system

2. In the male system

URINARY BLADDER-43:57

VERTEX OF BLADDER-43:58

BODY OF BLADDER-43:59

NECK OF BLADDER-43:59

URETHRA-43:59

The following structures are exposed by an incision beginning at the vertex of the bladder and extending through its wall in an anterior-posterior direction in the line of its median plane.

URETERIC ORIFICE-43:59

URETERIC MUCOSA-43:59

URETERIC MUCOSA-43:59

URETERIC MUCOSA-43:59

TRIGONE OF THE BLADDER-43:59

VERTEX OF THE BLADDER-43:59

EXTERNAL FOLD-43:59

ORIFICE OF URETER-43:59

INTERNAL URETHRAL ORIFICE-43:59

INTERNAL URETHRA-43:59

MALE URETHRA-43:59

The internal structure is exposed by introducing a blunt pointed scalpel into the internal urethral orifice and dividing the dorsal wall of the urethral canal throughout its entire extent.

PHROSTATIC PART-43:59

URETHRAL CIST-43:59

URETHRAL CIST-43:59

PHROSTATIC URETHRA-43:59

PHROSTATIC URETHRA-43:59

Their openings only.

Their openings only.

MEMBRANOUS PART-43:59

CAVERNOSUS PART-43:59

EXCRETORY DUCTS OF BULBOURETHRAL GLANDS-43:59

NAVIGULAR FOSSE OF URETHRA-43:59

(NAVIGULAR FOSSE NAVIGULARIS)-43:59

EXTERNAL URETHRAL ORIFICE-43:59

URETHRAL LAUREL-43:59

PENIS-43:59

The following structures are demonstrated in cross sections of the penis. For other specimens of penis see 11:10 and 12.

CORPUS CAVERNOSUM PENIS-43:59

CORPUS CAVERNOSUM URETHRAE-43:59

THICK ALBUMEN-43:59

THICK PENIS-43:59

TRABECULAE CORPUS CAVERNOSUM-43:59

CAVERNOSUS CORPUS CAVERNOSUM-43:59

The demonstration of the remaining pelvic structures may be facilitated by detaching the fifth lumbar vertebra from the sacrum, dividing the sacrum, coccyx, and any remaining soft structures in the median sagittal plane, and separating the two halves of the pelvis.

SCROTUM-43:59

SCROTAL FOLD-43:59

EXTERNAL FOLD-43:59

EXTERNAL FOLD-43:59

TRANSVERSE RECTAL FOLDS-34:21
 RECTOCOCCYGEAL MUSCLE-34:15
 ANAL PART OF RECTUM-34:22
 RECTAL COLUMNS-34:23
 RECTAL SINUSES-34:24
 HEMORRHOIDAL RING-34:25
 SPHINCTER AND INTERNUS MUSCLE-34:14
 PELVIC PART OF URETER-39:21
 PROSTATE-40:50
 BASE-40:51
 APEX-40:52
 ANTERIOR AND POSTERIOR SURFACES-40:53, 54
 RIGHT AND LEFT LOBES-40:55
 ISTHMUS-40:56
 (MIDDLE LOBE)-40:57
 SEMINAL VESICLES-40:31
 BODY OF SEMINAL VESICLE-40:32
 EXCRETORY DUCT-40:36
 DUCTUS DEFERENS-40:21
 AMPULLA OF DUCTUS DEFERENS-40:22
 DIVERTICULA OF AMPULLA-40:23
 EJACULATORY DUCT-40:30

b. In the female pelvis

The demonstration of the following structures may be facilitated by detaching the fifth lumbar vertebrae from the sacrum, dividing the sacrum, coccyx, symphysis pubis and any remaining soft structures, in the median sagittal plane and separating the two halves of the pelvis.

PERITONEUM-43:46

For structures relative to the peritoneum in the female pelvis, see VI:2b.

PELVIC FASCIA-43:26 cf. VI:2c.

URINARY BLADDER-39:29

For structures relative to the urinary bladder, see VI:3a.

FEMALE URETHRA-42:70

EXTERNAL URETHRAL ORIFICE-42:71

CRISTA URETHRALIS-43:2

PELVIC PART OF URETER-39:21

OVARY-41:36

HILUS-41:37

MEDIAL AND LATERAL SURFACES-41:38, 39

FREE MARGIN-41:40

MESOVARIAN MARGIN-41:41

TUBAL EXTREMITY-41:42

UTERINE EXTREMITY-41:43

OVARIAN LIGAMENT-41:56

CORPUS LUTEUM-41:54

CORPUS ALBICANS-41:55

PAROOPHORON-42:43

EPOOPHORON-42:39

UTERINE TUBE-41:57

OSTIUM ABDOMINALE-41:58

INFUNDIBULUM-41:59

FIMBRIAE-41:60

FIMBRIA OVARICA-41:61

AMPULLA-41:62

TRANSVERSE RECTAL FOLD-34:31
RECTOCOCCYGEAL MUSCLE-34:31
ANAL PART OF RECTUM-34:32
RECTAL COLUMN-34:32
RECTAL SINUS-34:32
HEMORRHOIDAL KING-34:32
SPHINCTER AND INTERNAL MUSCLE-34:34

PELVIC PART OF URETER-39:31
PROSTATE-40:50
BASE-40:51
APEX-40:52
ANTERIOR AND POSTERIOR SURFACES-40:52, 54
RIGHT AND LEFT LOBES-40:52
URETERS-40:52
(MIDDLE LOBE)-40:57
SEMINAL VESICLE-40:51
BODY OF SEMINAL VESICLE-40:52
EXCRETORY DUCT-40:52
DUCTUS DEFERENS-40:51
AMPULLA OF DUCTUS DEFERENS-40:52
DIVERTICULA OF AMPULLA-40:53
EJACULATORY DUCT-40:50

d. In the female pelvis

The demonstration of the following structures may be facilitated by detaching the fifth lumbar vertebrae from the sacrum, dividing the sacrum, coccyx, symphysis pubis and any remaining soft structures, in the median sagittal plane and separating the two halves of the pelvis.

PERITONEUM-43:46

For structures relative to the peritoneum in the female

pelvis, see VI:25.

PELVIC FASCIA-43:25 of VI:25.

URINARY BLADDER-39:29

For structures relative to the urinary bladder, see VI:32.

FEMALE URETHRA-42:70

EXTERNAL URETHRAL ORIFICE-42:71

CLITORIS URETHRALIS-43:2

PELVIC PART OF URETER-39:31

UTERUS-41:28

MILK-41:37

MEDIAL AND LATERAL SURFACES-41:38, 39

FREE MARGIN-41:40

MESOVARIAN MARGIN-41:41

TUBAL EXTREMITY-41:42

UTERINE EXTREMITY-41:43

OVARIAN LIGAMENT-41:56

CORPUS LUTEUM-41:54

CORPUS ALBICANS-41:55

PARAOVARIUM-42:43

EPOOVARION-42:39

UTERINE TUBE-41:27

OSTIUM ABDOMINALE-41:28

INFUNDIBULUM-41:29

LYMPHATIC-41:50

UTERINE OVARIAN-41:31

ARTERIAL-41:32

ISTHMUS-41:63
 UTERUS-41:76
 BODY OF UTERUS-41:77
 FUNDUS-42:1
 LATERAL MARGIN-42:2
 VESICAL SURFACE-43:3
 INTESTINAL SURFACE-42:4
 UTERINE CAVITY-42:5
 CERVIX-42:7
 SUPRAVAGINAL PART-42:8
 VAGINAL PART-42:9
 EXTERNAL ORIFICE OF UTERUS-42:10
 ANTERIOR LIP-42:11
 POSTERIOR LIP-42:12
 CANAL OF THE CERVIX-42:13
 INTERNAL ORIFICE OF THE UTERUS-42:6
 LIGAMENTUM TERES-42:23
 VAGINA-42:25
 FORNIX OF VAGINA-42:26
 ANTERIOR AND POSTERIOR WALLS-42:27, 28
 HYMEN-42:29
 HYMENEAL CARUNCLES-42:30
 RECTUM-34:9

For its structural characteristics, see VI:3a.

4. Pelvic blood vessels (male and female)

In the following tabulation vessels which are either male or female only are so indicated. All other vessels are common to both sexes.

a. Arteries

HYPOGASTRIC ARTERY-50:56
 PARIETAL RAMI OF THE HYPOGASTRIC ARTERY-50:57
 ILIOLUMBAR ARTERY-50:58
 LUMBAR RAMUS^{xx}-50:59
 SPINAL RAMUS^{xx}-50:60
 ILIAC RAMUS^{xx}-50:61
 LATERAL SACRAL ARTERY-50:62
 SPINAL RAMI^{xx}-50:63
 PUBIC ARTERY-50:64
 PUBIC RAMUS-50:65
 SUPERIOR GLUTEAL ARTERY-51:1
 INFERIOR GLUTEAL ARTERY-51:4
 VISCERAL RAMI OF THE HYPOGASTRIC ARTERY-51:6
 UMBILICAL ARTERY-51:7
 SUPERIOR VESICAL ARTERIES^{xx}-51:8
 LATERAL UMBILICAL LIGAMENT^{xx}-51:9
 INFERIOR VESICAL ARTERY-51:10
 DEFERENTIAL ARTERY^{xx}-51:11
 UTERINE ARTERY-51:12 In the female only.
 VAGINAL ARTERY-51:13
 OVARIAN RAMUS-51:14
 TUBAL RAMUS-51:15
 OVARIAN ARTERY-50:54 In the female only.
 MIDDLE HEMORRHOIDAL ARTERY-51:16
 INTERNAL PUDENDAL ARTERY-51:17

For its perineal rami in both male and female see II:2-4.

For the structural characteristics, see VI:3a.

RECTUM-34:9
 HYPOMECAL CARUNCLES-42:30
 HYMEN-42:29
 ANTERIOR AND POSTERIOR WALLS-42:27, 28
 FORNIX OF VAGINA-42:28
 VAGINA-42:25
 LIGAMENTUM TERES-42:23
 INTERNAL ORIFICE OF THE UTERUS-42:18
 CANAL OF THE CERVIX-42:13
 POSTERIOR LIP-42:12
 ANTERIOR LIP-42:11
 EXTERNAL ORIFICE OF UTERUS-42:10
 VAGINAL PART-42:9
 SUBVAGINAL PART-42:8
 CERVIX-42:7
 UTERINE CAVITY-42:5
 INTESTINAL SURFACE-42:4
 VERTICAL SURFACE-42:3
 LATERAL SURFACE-42:2
 FUNDS-42:1
 BODY OF UTERUS-41:17
 UTERUS-41:16
 TESTES-41:63

4. Pelvic blood vessels (male and female)
 In the following tabulation vessels which are either male or female only are so indicated. All other vessels are common to both sexes.

a. Arteries

INTERNAL PUDENDAL ARTERY-51:17
 MIDDLE HEMORRHOIDAL ARTERY-51:16
 OVARIAN ARTERY-50:54 In the female only.
 TUBAL RAMUS-51:15
 OVARIAN RAMUS-51:14
 VAGINAL ARTERY-51:13
 UTERINE ARTERY-51:12 In the female only.
 DEFERENTIAL ARTERY-51:11
 INTERIOR VESICAL ARTERY-51:10
 LATERAL UMBILICAL LIGAMENT-51:9
 SUPERIOR VESICAL ARTERIES-51:8
 UMBILICAL ARTERY-51:7
 VISCERAL RAMI OF THE HYPOGASTRIC ARTERY-51:6
 INFERIOR ILIAC ARTERY-51:4
 SUPERIOR ILIAC ARTERY-51:1
 PUBIC RAMUS-50:82
 VESTIBULAR ARTERY-50:84
 SPINAL RAMUS-50:83
 LATERAL SACRAL ARTERY-50:82
 ILIAC RAMUS-50:81
 SPINAL RAMUS-50:80
 LUMBAL RAMUS-50:79
 ILIOLUMBAR ARTERY-50:78
 PARITIAL RAMI OF THE HYPOGASTRIC ARTERY-50:77
 HYPOGASTRIC ARTERY-50:76

For the peritoneal ramus in both male and female see

SUPERIOR HEMORRHOIDAL ARTERY-50:48

MIDDLE SACRAL ARTERY-50:12

LOWEST LUMBAR ARTERY^{xx}-50:13

GLOMUS COCCYGEUM^{xx}-50:14

b. Veins of the pelvis

HYPOGASTRIC VEIN-55:29

The tributaries of the hypogastric vein-55:40, 49:53, 55-57, correspond to a large degree with the branches of the hypogastric artery.

HEMORRHOIDAL PLEXUS-55:46

VESICAL PLEXUS^{xx}-55:47

PUDENDAL PLEXUS^{xx}-55:48

UTEROVAGINAL PLEXUS^{xx}-55:54 In the female only.

MIDDLE SACRAL VEIN^{xx}-55:38

5. Pelvic muscles and nerves

Exposed by displacing the viscera from the lateral pelvic walls and removing any remains of the superior fascia of the pelvic diaphragm-43:28, guarding at the same time against injury to the fifth sacral and coccygeal nerves.

PELVIC DIAPHRAGM-43:20

LEVATOR ANI MUSCLE-43:21

TENDINOUS ARCH OF THE LEVATOR ANI MUSCLE-43:22

COCCYGEUS MUSCLE-43:23, 25:59

SACRAL PLEXUS-70:47

LUMBOSACRAL TRUNK-70:48

SUPERIOR GLUTEAL NERVE-70:49

INFERIOR GLUTEAL NERVE-70:50

POSTERIOR FEMORAL CUTANEOUS NERVE-70:51

SCIATIC NERVE-70:54

PUDENDAL PLEXUS-71:15

MIDDLE HEMORRHOIDAL NERVES^{xx}-71:16

INFERIOR VESICAL NERVES^{xx}-71:17

VAGINAL NERVES^{xx}-71:18 In the female.

PUDENDAL NERVE-71:19

COCCYGEAL NERVE^{xx}-71:26

PELVIC PART OF THE SYMPATHETIC SYSTEM-72:15

SACRAL GANGLIA-72:17

OBTURATOR FASCIA-43:40

OBTURATOR INTERNUS MUSCLE-26:72

PISIFORMIS MUSCLE-26:71

6. Pelvic articulations

LIGAMENTS OF THE PELVIC GIRDLE-20:45

OBTURATOR MEMBRANE-20:46

OBTURATOR CANAL-20:47

ILIOLUMBAR LIGAMENT-20:48

SACROTUBEROUS LIGAMENT-20:49

FALCIFORM PROCESS-20:50

SACROSPINOUS LIGAMENT-20:51

GREATER SCIATIC FORAMEN-20:52

LESSER SCIATIC FORAMEN-20:53

SUPERIOR HEMORRHOIDAL ARTERY-50:42
MIDDLE SACRAL ARTERY-50:12
LOWEST LUMBAR ARTERY-50:12
COMMON COCCYGEAL-50:14

d. Veins of the pelvis

HYPOGASTRIC VEIN-52:32

The tributaries of the hypogastric vein-52:40, 42:52, 52-57, correspond to a large degree with the branches of the hypo-

gastric artery.

HEMORRHOIDAL VEIN-52:42

VESTIGIAL VEIN-52:42

PUDENDAL VEIN-52:42

UTEROVAGINAL VEIN-52:54 In the female only.

MIDDLE SACRAL VEIN-52:38

5. Pelvic muscles and nerves

Exposed by displacing the viscera from the lateral pelvic wall and removing any remains of the superior fascia of the pelvic diaphragm-43:28, guarding at the same time against injury to the fifth sacral and coccygeal nerves.

PELVIC DIAPHRAGM-43:20

LEVATOR ANI MUSCLE-43:21

TENISON ARCH OF THE LEVATOR ANI MUSCLE-43:22

COCCYGEUS MUSCLE-43:22, 22:22

SACRAL PLEXUS-70:47

LUMBOSACRAL TRUNK-70:48

SUPERIOR GLUTEAL NERVE-70:49

INFERIOR GLUTEAL NERVE-70:50

POSTERIOR FEMORAL CUTANEOUS NERVE-70:51

SCIATIC NERVE-70:54

PUDENDAL PLEXUS-VI:12

MIDDLE HEMORRHOIDAL NERVE-VI:16

INFERIOR VESICAL NERVE-VI:17

VAGINAL NERVE-VI:18 In the female.

PUDENDAL NERVE-VI:19

COCCYGEAL NERVE-VI:20

PELVIC PART OF THE SYMPATHETIC SYSTEM-70:12

SACRAL CANAL-VI:17

OBTurator FORAMEN-43:40

OBTurator INTERNAL MUSCLE-28:72

PIRIFORMIS MUSCLE-28:71

6. Pelvic articulations

ILIOACETABULAR OF THE PELVIC GIRDLE-30:45

OBTurator FORAMEN-30:46

OBTurator CANAL-30:47

ILIOFEMORAL LIGAMENT-30:48

SACROTUBEROSUS LIGAMENT-30:49

VALGIFORM PROCESS-30:50

SACROSPINOSUS LIGAMENT-30:51

GRATER SCIATIC FORAMEN-30:52

LESSER SCIATIC FORAMEN-30:53

SACRO-ILIAC ARTICULATION-20:54

ANTERIOR SACRO-ILIAC LIGAMENTS-20:55

INTEROSSEOUS SACRO-ILIAC LIGAMENTS-20:56

LONG AND SHORT POSTERIOR SACRO-ILIAC LIGAMENTS-20:57, 58.

SYNOVIAL CAVITY

SYMPHYSIS PUBIS-20:59

SUPERIOR PUBIC LIGAMENTS-20:60

ARCuate LIGAMENT OF PUBIS-20:61

INTERPUBIC FIBRO-CARTILAGE-20:62

Demonstrated by removing a slice of bone from the front
of the symphysis pubis.

SACRO-COCCYGEAL SYMPHYSIS-18:48

SUPERFICIAL POSTERIOR SACRO-COCCYGEAL LIGAMENT-18:49

DEEP POSTERIOR SACRO-COCCYGEAL LIGAMENT-18:50

ANTERIOR SACRO-COCCYGEAL LIGAMENT-18:51

LATERAL SACRO-COCCYGEAL LIGAMENT-18:52

INFERIOR EXTREMITY

SACRO-ILIAC ARTICULATION-20:24
 ANTERIOR SACRO-ILIAC LIGAMENTS-20:25
 INTERCRURALS SACRO-ILIAC LIGAMENTS-20:26
 LONG AND SHORT POSTERIOR SACRO-ILIAC LIGAMENTS-20:27, 28.
 SYNOVIAL CAVITY
 SYMPHYSIS PUBIS-20:29
 SUPERIOR PUBIC LIGAMENTS-20:30
 ARCADE LIGAMENT OF PUBIS-20:31
 INTERPUBIC FIBRO-CARTILAGE-20:32
 Demonstrated by removing a slice of bone from the front
 of the symphysis pubis.
 SACRO-COCCYGEAL SYMPHYSIS-18:48
 SUPRINTERTIAL POSTERIOR SACRO-COCCYGEAL LIGAMENT-18:49
 DEEP POSTERIOR SACRO-COCCYGEAL LIGAMENT-18:50
 ANTERIOR SACRO-COCCYGEAL LIGAMENT-18:51
 LATERAL SACRO-COCCYGEAL LIGAMENT-18:52

I. General characteristics of the inferior extremity

1. Subdivisions

THIGH-5:45

ANTERIOR AND POSTERIOR SURFACE-5:46, 47

LATERAL AND MEDIAL SURFACE-5:48, 49

GLUTEAL FURROW-5:50

KNEE-5:51

POSTERIOR SURFACE OF KNEE-5:52

PATELLA-5:53

LEG-5:54

FOOT-5:55

For the remaining subdivisions of the leg and foot
see VII: 1a.

2. Regions

REGIONS OF THE INFERIOR EXTREMITY-56:12

ANTERIOR FEMORAL REGION-56:13

SUPILIGATED FEMAL-56:17

LATERAL FEMORAL REGION-56:18

INFERIOR EXTREMITY

PATELLAR REGION-56:21

POSTERIOR REGION OF THE INFERIOR

POPITEAL FURROW-56:22

For the remaining regions of the inferior extremity,
see, VII: 1c.

REGION OF THE BACK-57:23

Only three regions of the back are listed here and they
are in direct relation to the regions of the inferior
extremity.

REGION OF THE HIP-57:24

GENERAL HIP-57:25

GLUTEAL REGION-57:26

HORIZONTAL REGION-57:27

II. Surface anatomy

1. Surface anatomy

THIGH-5:56

HEEL PLANT-5:57

GLUTEAL-5:58

LEG-5:59

I. General characteristics of the inferior extremity

1. Subdivisions

THIGH-5:45

ANTERIOR AND POSTERIOR SURFACE-5:46,47

LATERAL AND MEDIAL SURFACE-5:48,49

GLUTEAL FURROW-5:50

KNEE-5:51

POSTERIOR SURFACE OF KNEE-5:52

PATELLA-5:53

LEG-5:54

FOOT-5:60

For the remaining subdivisions of the leg and foot
see VII: 1a.

2. Regions

REGIONS OF THE INFERIOR EXTREMITY-84:15

ANTERIOR FEMORAL REGION-84:16

SUBLINGUAL FOSSA-84:17

LATERAL FEMORAL REGION-84:18

TROCHANTERIC REGION-84:19

POSTERIOR FEMORAL REGION-84:20

MEDIAL FEMORAL REGION-84:21

ANTERIOR REGION OF THE KNEE-84:22

PATELLAR REGION-84:23

POSTERIOR REGION OF THE KNEE-84:24

POPLITEAL FOSSA-84:25

For the remaining regions of the inferior extremity,
see, VII:lc.

REGIONS OF THE BACK-83:23

Only those regions of the back are listed here which
are in direct relation to the regions of the inferior
extremity.

REGION OF THE HIP-83:30

SACRAL REGION-83:31

GLUTEAL REGION-83:32

PERINEAL REGION-83:33

II. Gluteal region

1. Surface Anatomy

NATES-5:5

ANAL CLEFT-5:7

COCCYX-7:25

SACRUM-7:5

I. General characteristics of the inferior extremity

1. Subdivisions

THIGH-5:45
 ANTERIOR AND POSTERIOR SURFACE-5:46, 47
 LATERAL AND MEDIAL SURFACE-5:48, 49
 GLUTEAL SURFACE-5:50
 KNEE-5:51
 POSTERIOR SURFACE OF KNEE-5:52
 PATELLA-5:53
 LEG-5:54
 FOOT-5:55
 For the remaining subdivisions of the leg and foot
 see VII: 1a.

2. Regions

REGIONS OF THE INFERIOR EXTREMITY-84:12
 ANTERIOR REGION-84:13
 SUBILIAC REGION-84:14
 LATERAL REGION-84:15
 POSTERIOR REGION-84:16
 POSTERIOR REGION-84:17
 MEDIAL REGION-84:18
 ANTERIOR REGION OF THE KNEE-84:19
 PATELLAR REGION-84:20
 POSTERIOR REGION OF THE KNEE-84:21
 PATELLAR REGION-84:22
 For the remaining regions of the inferior extremity,
 see VII: 1c.

REGIONS OF THE BACK-85:23
 Only those regions of the back are listed here which
 are in direct relation to the regions of the inferior
 extremity.
 REGION OF THE HIP-85:24
 SACRAL REGION-85:25
 GLUTEAL REGION-85:26
 PERINEAL REGION-85:27

II. Gluteal region

1. Surface anatomy

GLUTEUS-85:28
 GLUTEUS-85:29
 GLUTEUS-85:30
 GLUTEUS-85:31
 GLUTEUS-85:32

CREST OF THE ILIUM-15:18
 ANTERIOR SUPERIOR ILIAC SPINE-15:22
 POSTERIOR SUPERIOR ILIAC SPINE-15:24
 GLUTEAL SULCUS-5:50
 TUBerosITY OF ISCHIUM-15:36
 GREATER TROCHANTER-16:2

2: Fascia and cutaneous nerves

Skin incisions: a) from the posterior superior iliac spine along the iliac crest as far forward as possible; b) from the posterior extremity of (a) obliquely distally and medially to the middle line of the sacral region, thence distally to the tip of the coccyx; c) from the tip of the coccyx distally and laterally, crossing the middle point of the gluteal sulcus, to the junction of the middle and proximal thirds of the thigh.

SUPERFICIAL FASCIA-23:36
 SUPERIOR CLUNIAL NERVES-70:15
 MIDDLE CLUNIAL NERVES-70:21
 LATERAL CUTANEOUS Rami OF THE ILLIOHYPOGASTRIC NERVE-70:27
 LATERAL CUTANEOUS Rami OF THE TWELFTH THORACIC NERVE-69:76
 INFERIOR CLUNIAL NERVES-70:52
 PERINEAL Rami OF THE POSTERIOR FEMORAL CUTANEOUS NERVE-~~70~~ 70:53
 DEEP FASCIA-45:32

3. Glutaeus maximus muscle

GLUTAEUS MAXIMUS MUSCLE-26:67
 TROCHANTERIC BURSA OF THE GLUTAEUS MAXIMUS MUSCLE-28:53
 GLUTAEOFEMORAL BURSAE-29:5
 SCIATIC BURSA OF THE GLUTAEUS MAXIMUS MUSCLE-~~29~~ 29:6

4. Structures exposed by the reflection of the glutaeus maximus muscle

Demonstrated by separating the glutaeus maximus muscle from the underlying structures, detaching it at its origin and reflecting it toward its insertion; at the same time exposing and cutting its nerve and vascular supply, but leaving intact the posterior femoral cutaneous nerve, sacrotuberous ligament and perineal region.

a. Structures distal to the piriformis muscle

INFERIOR GLUTEAL NERVE-70:50
 INFERIOR GLUTEAL ARTERY-51:43
 POSTERIOR FEMORAL CUTANEOUS NERVE-70:51
 SCIATIC NERVE-70:54
 INTERNAL PUDENDAL ARTERY-51:17
 PUDENDAL NERVE-71:19
 NERVE TO THE OBTURATOR INTERNUS MUSCLE
 PIRIFORMIS MUSCLE-26:71
 OBTURATOR INTERNUS MUSCLE-26:72
 SUPERIOR AND INFERIOR GESELLI MUSCLES-26:73,74
 QUADRATUS FEMORIS MUSCLE-26:75

CREST OF THE ILLUM-15:15
 CANTERSON SUPERIOR ILLUM-15:22
 POSTERIOR SUPERIOR ILLUM-15:24
 GLUTAL SURGUS-5:50
 TUBERNOSITY OF ILLUM-15:30
 ORBITAL TROCHLEAR-15:2

2. Basis and cutaneous nerves

With landmarks: a) from the posterior superior iliac spine along the iliac crest as far forward as possible; b) from the posterior extremity of (a) obliquely distally and medially to the middle line of the navel region, thence distally to the tip of the coccyx; c) from the tip of the coccyx distally and laterally crossing the middle point of the gluteal sulcus, to the junction of the middle and proximal thirds of the thigh.

SUPERFICIAL FASCIA-55:35
 SUPERIOR CLINICAL NERVE-55:15
 MIDDLE CLINICAL NERVE-55:21
 LATERAL CUTANEOUS NERVE OF THE ILLIOTROCHLEAR NERVE-55:27
 LATERAL CUTANEOUS NERVE OF THE TERTIUM THORACIC NERVE-55:24
 TERTIUM CLINICAL NERVE-55:22
 PERINEAL NERVE OF THE POSTERIOR TROCHLEAR CUTANEOUS NERVE-55:20
 TERTIUM FASCIA-55:22

3. Gluteus maximus muscle

GLUTEUS MAXIMUS MUSCLE-55:27
 TROCHLEAR BUNDLE OF THE GLUTEUS MAXIMUS MUSCLE-55:22
 GLUTEOTROCHLEAR BUNDLE-55:25
 SCIATIC BUNDLE OF THE GLUTEUS MAXIMUS MUSCLE-55:25

4. Structures enclosed by the reflection of the gluteus maximus muscle

Demonstrated by separating the gluteus maximus muscle from the underlying structures, detaching it at its origin and reflecting it toward the insertion; at the same time exposing and cutting the nerve and vascular supply, but leaving intact the posterior femoral cutaneous nerve, sacrotuberous ligament and perineal region.

5. Structures distal to the gluteus maximus muscle

INTERNAL GLUTEAL NERVE-55:30
 INTERNAL GLUTEAL ARTERY-55:30
 POSTERIOR TROCHLEAR CUTANEOUS NERVE-55:21
 SCIATIC NERVE-55:24
 INTERNAL FEMORAL ARTERY-55:21
 FEMORAL NERVE-55:15
 NERVE TO THE OTURATOR INTERIUS MUSCLE
 PYRIFORMIS MUSCLE-55:21
 OTURATOR INTERIUS MUSCLE-55:22
 SUPERIOR AND INTERIOR GLUTEAL MUSCLES-55:20, 25, 26
 QUADRATUS FEMORIS MUSCLE-55:25

NERVE TO THE QUADRATUS FEMORIS MUSCLE

Exposed by detaching the two gemelli muscles at their origins, cutting the tendon of the obturator internus at its exit from the lesser sciatic foramen and reflecting these structures toward their insertions.

The following structures are demonstrated by detaching the quadratus femoris muscle at its origin and reflecting it toward its insertion.

OBTURATOR EXTERNUS MUSCLE-27:10

MEDIAL FEMORAL CIRCUMFLEX ARTERY-51:46 Terminal branches only

b. Structures proximal and lateral to the piriformis muscle

GLUTAEUS MEDIUS MUSCLE-26:68

NERVE TO THE TENSOR FASCIAE LATAE MUSCLE

ASCENDING BRANCH OF THE LATERAL FEMORAL CIRCUMFLEX ARTERY-51:51

The following structures are exposed by separating the glutaeus medius muscle from the glutaeus minimus muscle, dividing the glutaeus medius muscle about 5 cm. proximal to the greater trochanter and reflecting the two parts toward their origin and insertion, respectively.

SUPERIOR GLUTEAL ARTERY-51:1

SUPERIOR GLUTEAL NERVE-70:49

GLUTAEUS MINIMUS MUSCLE-26:69

5. Structures exposed by the reflection of the glutaeus minimus muscle.

Demonstrated by detaching the glutaeus minimus muscle at its origin and reflecting it toward its insertion.

ARTICULAR CAPSULE OF HIP-20:64

TROCHANTERIC BURSA OF GLUTAEUS MINIMUS MUSCLE-29:2

REFLECTED TENDON OF THE RECTUS FEMORIS MUSCLE

III. Popliteal Space

1. Surface anatomy

TENDON OF THE BICEPS FEMORIS MUSCLE-27:11

TENDONS OF THE SEMITENDINOSUS AND SEMIMEMBRANOSUS MUSCLES-27:14,15

TENDON OF ADDUCTOR MAGNUS MUSCLE-27:8

EPICONDYLES OF FEMUR-16:19,20

HEAD OF FIBULA-16:54

COMMON PERONEAL NERVE-70:56

2. Fascia, superficial nerves and vessels

Skin incisions: a) longitudinally for about 20 cm. along the middle line of the posterior region of the knee, extending about 10 cm. distal and proximal to the line of the articulation of the knee; b) transversely at each end of the preceding incision.

NERVE TO THE GLUTEUS MINIMUS MUSCLE
Exposed by detaching the two gemelli muscles at their
origins, cutting the tendon of the obturator internus
at its exit from the lesser sciatic foramen and re-
flecting these structures to reveal their insertions.
The following structures are demonstrated by detaching the
gluteus minimus muscle at its origin and reflecting it
toward its insertion.
OBTURATOR EXTERNUS MUSCLE-27:10
MEDIAL FEMORAL CIRCUMFLEX NERVE-27:40 Terminal branches only

b. Structures proximal and lateral to the piriformis muscle

GLUTEUS MEDIUS MUSCLE-28:28
NERVE TO THE TENSOR FASCIAE LATAE MUSCLE
ASCENDING BRANCH OF THE LATERAL FEMORAL CIRCUMFLEX NERVE-
28:51
The following structures are exposed by separating the
gluteus medius muscle from the gluteus minimus muscle,
dividing the gluteus medius muscle about 5 cm. proximal
to the greater trochanter and reflecting the two parts
toward their origin and insertion, respectively.
SUPERIOR GLUTEAL NERVE-28:1
SUPERIOR GLUTEAL NERVE-28:2
GLUTEUS MINIMUS MUSCLE-28:28

c. Structures exposed by the reflection of the gluteus minimus muscle.

Demonstrated by detaching the gluteus minimus muscle at its
origin and reflecting it toward its insertion.
ARTICULAR CAPSULE OF HIP-29:24
TROCHANTERIC BURSAS OF GLUTEUS MINIMUS MUSCLE-29:2
REFLECTED TENDON OF THE RECTUS FEMORIS MUSCLE

III. Popliteal Space

1. Surface anatomy

TENDON OF THE BICEPS FEMORIS MUSCLE-27:11
TENDONS OF THE SEMITENDINOSUS AND SEMIMEMBRANOSUS
MUSCLES-27:14, 15
TENDON OF ADDUCTOR MAGNUS MUSCLE-27:2
EPICONDYLE OF HUMERUS-27:23
HEAD OF FIBULA-27:24
COMMON PERONEAL NERVE-27:28

2. Fascia, superficial nerves and vessels

Skin incisions: a) Longitudinal, for about 20 cm. along the
middle line of the posterior region of the knee, extending
about 10 cm. distal and proximal to the line of the articular
folds of the knee; b) transversely at each end of the pre-
ceding incision.

SUPERFICIAL FASCIA-23:36

POSTERIOR FEMORAL CUTANEOUS NERVE-70:51 Terminal branches only.

SMALL SAPHENOUS VEIN-56:1

FEMOROPOPLITEAL VEIN-56:2

DEEP FASCIA-27:70

3. Popliteal space; large nerves and vessels

Exposed by making a longitudinal incision through the deep fascia in the middle line of the popliteal space, reflecting the fascia and demonstrating the structures with a minimum of dissection.

TIBIAL NERVE-70:68

COMMON PERONEAL NERVE-70:56

POSTERIOR FEMORAL CUTANEOUS NERVE-70:51

POPLITEAL ARTERY-51:63

POPLITEAL VEINS-56:4

4. Popliteal space:medial and lateral boundaries

BICEPS MUSCLE-27:11

SEMITENDINOSUS MUSCLE-27:14

SEMITENDINOSUS MUSCLE-27:15

LATERAL HEAD OF GASTROCNEMIUS MUSCLE-27:24

MEDIAL HEAD OF GASTROCNEMIUS MUSCLE-27:25

PLANTARIS MUSCLE-27:29

5. Contents of the popliteal space

a.Nerves

POSTERIOR FEMORAL CUTANEOUS NERVE-70:51

TIBIAL NERVE-70:68

MUSCULAR RAMI-70:69

MEDIAL SURAL CUTANEOUS NERVE-71:2

INTEROSSEOUS CRURAL NERVE-71:1

ARTICULAR RAMI TO KNEE JOINT

COMMON PERONEAL NERVE-70:56

LATERAL SURAL CUTANEOUS NERVE-70:58

PERONEAL ANASTOMOTIC RAMUS-70:59

ARTICULAR RAMI TO KNEE JOINT

A genicular ramus of the obturator nerve may be present.

b. Blood vessels and lymphatics

POPLITEAL ARTERY-51:63

SUPERIOR LATERAL GENICULAR ARTERY-51:64

SSUPERIOR MEDIAL GENICULAR ARTERY-51:65

MIDDLE GENICULAR ARTERY-51:66

INFERIOR LATERAL GENICULAR ARTERY-51:68

SURAL ARTERIES-51:67

POPLITEAL VEINS-56:4

POPLITEAL LYMPH GLANDS-57:5

6. Floor of the popliteal space

POPLITEAL SURFACE OF FEMUR-16:15

OBLIQUE POPLITEAL LIGAMENT-21:15

Associated with it is the fascia of popliteus muscle.

SUPRATENTORIAL T. 27:4-28:56
 POSTERIOR PERONEAL CUTANEOUS NERVE-70:51 Terminal branches
 only.
 SMALL SAPHENOUS VEIN-55:1
 PERONEOPRONEAL VEIN-55:2
 DEEP FASCIA-57:70

3. Popliteal space; large nerves and vessels

Exposed by making a longitudinal incision through the deep fascia in the middle line of the popliteal space, reflecting the fascia and demonstrating the structures with a minimum of dissection.

TIBIAL NERVE-70:58
 COMMON PERONEAL NERVE-70:58
 POSTERIOR PERONEAL CUTANEOUS NERVE-70:51
 POPliteal ARTERY-51:53
 POPliteal VEIN-55:4

4. Popliteal space; medial and lateral boundaries

BICEPS MUSCLE-57:11
 SEMITENDINOSUS MUSCLE-57:15
 SEMITRICEPS MUSCLE-57:15
 LATERAL HEAD OF GASTROCNEMIUS MUSCLE-57:24
 MEDIAL HEAD OF GASTROCNEMIUS MUSCLE-57:25
 PLANTARIS MUSCLE-57:25

5. Contents of the popliteal space

a. Nerves
 POSTERIOR PERONEAL CUTANEOUS NERVE-70:51
 TIBIAL NERVE-70:58
 MUSCULAR RAIL-70:58
 MEDIAL SURAL CUTANEOUS NERVE-71:2
 INTEROSSEOUS COMMON NERVE-71:1
 ARTICULAR RAIL TO KNEE JOINT
 COMMON PERONEAL NERVE-70:58
 LATERAL SURAL CUTANEOUS NERVE-70:58
 PERONEAL ANASTOMOSED RAIL-70:58
 ARTICULAR RAIL TO KNEE JOINT
 A ganglionic ramus of the obturator nerve may be present.

b. Blood vessels and lymphatics

POPliteal ARTERY-51:53
 SUPERIOR LATERAL GANGLIONIC ARTERY-51:53
 SUBTENDONAL CUTANEOUS ARTERY-51:53
 MIDDLE GANGLIONIC ARTERY-51:53
 INFERIOR LATERAL GANGLIONIC ARTERY-51:53
 SURAL ARTERY-51:53
 POPliteal VEIN-55:4
 POPliteal LYMPH GLAND-57:5

6. Floor of the popliteal space

POPliteal SURFACE OF FIBUR-18:15
 OBLIQUE POPliteal LIGAMENT-21:15
 Associated with it is the fascia of popliteal space.

IV. Posterior Part of the Thigh

1. Fascia and cutaneous nerves

Skin incision: longitudinally through the skin remaining on the back of the thigh.
 SUPERFICIAL FASCIA-23:36
 POSTERIOR FEMORAL CUTANEOUS NERVE-70:51 Terminal rami.
 ANTERIOR FEMORAL CUTANEOUS NERVE-70:42 Medial terminal rami only.
 CUTANEOUS RAMUS OF THE OBTURATOR NERVE-70:39
 DEEP FASCIA-27:49

2. Muscles

BICEPS FEMORIS MUSCLE-27:11
 LONG HEAD-27:12
 SHORT HEAD-27:13
 SEMITENDINOSUS MUSCLE-27:15
 BURSA OF SEMITENDINOSUS MUSCLE-29:26

3. Nerves and blood vessels

POSTERIOR FEMORAL CUTANEOUS NERVE-70:51
 ISCHLADIC NERVE-70:54
 MUSCULAR RAMI-70:55
 FIRST PERFORATING ARTERY-51:53
 SECOND PERFORATING ARTERY-51:55
 THIRD PERFORATING ARTERY-51:56
 PERFORATING VEINS-55:73
 FEMOROPOPLITEAL VEIN-56:2

V. Anterior Part of the Thigh

1. Surface anatomy

ANTERIOR SUPERIOR ILLAC SPINE-15:22
 SYMPHYSIS PUBIS-20:59
 INGUINAL LIGAMENT-25:41
 PUBLIC TUBERCLE-15:44
 PUBLIC ARCH-15:54
 INFERIOR RAMUS OF THE PUBIS-15:49
 INFERIOR RAMUS OF THE ISCHIUM-15:35
 TUBEROSITY OF THE ISCHIUM-15:36
 GREATER TROCHANTER OF THE FEMUR-16:2
 PATELLA-16:59
 MEDIAL CONDYLE OF THE FEMUR-16:16
 LATERAL CONDYLE OF THE FEMUR-16:17

IV. Posterior Part of the Thigh1. Fascia and cutaneous nerves

Skin incision: longitudinally through the skin remaining
on the back of the thigh.
SUPERFICIAL FASCIA-23:38
POSTERIOR FIBROFASCIAL CUTANEOUS NERVE-70:81 Terminal ramus.
ANTERIOR FIBROFASCIAL CUTANEOUS NERVE-70:48 Medial terminal
ramus only.
CUTANEOUS BRANCH OF THE OBTURATOR NERVE-70:30
DEEP FASCIA-27:42

2. Muscles

BICEPS FEMORIS MUSCLE-27:11
LONG HEAD-27:12
SHORT HEAD-27:13
SEMITENDINOSUS MUSCLE-27:15
Bursa of SEMITENDINOSUS MUSCLE-28:28

3. Nerves and blood vessels

POSTERIOR FIBROFASCIAL CUTANEOUS NERVE-70:81
ISCHIATIC NERVE-70:84
FASCIAL RAIL-70:85
FIRST PERFORATING ARTERY-51:32
SECOND PERFORATING ARTERY-51:32
THIRD PERFORATING ARTERY-51:32
PERFORATING VEIN-55:78
PERFORATING VEIN-56:8

V. Anterior Part of the Thigh1. Surface anatomy

ANTERIOR SUPERIOR ILIAC SPINE-15:22
ANTERIOR INFERIOR ILIAC SPINE-20:28
INGUINAL LIGAMENT-25:41
PUBIC TUBERCLE-15:44
PUBIC ARCH-15:34
INFERIOR RAMP OF THE PUBIS-15:42
TUBEROSITY OF THE ISCHIUM-15:32
TUBEROSITY OF THE ISCHIUM-15:32
GREATER TROCHANTER OF THE FEMUR-15:2
PATELLA-15:22
MEDIAL CONDYLE OF THE FEMUR-15:12
LATERAL CONDYLE OF THE FEMUR-15:12

2. Regions in relation to the anterior aspect of the thigh

ANTERIOR FEMORAL REGION-84:16
 SUBINGUINAL FOSSA-84:17
 LATERAL FEMORAL REGION-84:18
 TROCHANTERIC REGION-84:19
 MEDIAL FEMORAL REGION-84:21

3. Fascia, superficial vessels, lymphatics and cutaneous nerves

a. Superficial fascia, blood vessels, and lymphatics and cutaneous n

Skin incisions: a) from the anterior superior iliac spine along the line of the inguinal ligament to the symphysis pubis; b) from the median end of (a) distally, just lateral to the scrotum and along the medial aspect of the thigh for a distance of 10 cm.; c) from the distal end of (b) anteriorly and transversely to the lateral aspect of the thigh; d) from the end of incision (b) distally to the medial condyle of the tibia; e) from the latter point anteriorly and transversely to the lateral condyle of the tibia.

SUPERFICIAL FASCIA-23:36
 GREAT SAPHENOUS VEIN-55:66
 SUPERFICIAL EPIGASTRIC VEIN-55:65
 SUPERFICIAL CIRCUMFLEX ILIAC VEIN-55:63
 EXTERNAL PUDENDAL VEINS-55:64
 SUPERFICIAL EPIGASTRIC ARTERY-51:39
 SUPERFICIAL CIRCUMFLEX ILIAC ARTERY-51:40
 EXTERNAL PUDENDAL ARTERIES-51:41
 SUPERFICIAL SUBINGUINAL LYMPH GLANDS-57:3

b. Fossa ovalis

FOSSA OVALIS-27:65
 FALCIFORM MARGIN-27:66
 SUPERIOR CORNU-27:67
 INFERIOR CORNU-27:68
 FASCIA CRIPOSA-27:699
 Some of the deep subinguinal lymph glands-57:4, may be in relation to the fossa ovalis.

c. Cutaneous nerves, superficial praepatellar bursae

ILIOINGUINAL NERVE-70:29
 LUMBOINGUINAL NERVE-70:34
 LATERAL FEMORAL CUTANEOUS NERVE-70:36
 ANTERIOR FEMORAL CUTANEOUS NERVES-70:42
 INFRAPATELLAR RAMUS OF THE SAPHENOUS NERVE-70:45
 CUTANEOUS RAMI OF THE OBTURATOR NERVE-70:39
 BURSA PRAEPATELLARIS SUBCUTANEA-29:12
 BURSA PRAEPATELLARIS SUBFASCIALIS-29:15

2. Regions in relation to the anterior aspect of the thigh

ANTERIOR THIGHL REGION-84:18
SUBINGUINAL FOSSA-84:14
LATERAL THIGHL REGION-84:18
TROCHANTERIC REGION-84:18
MEDIAL THIGHL REGION-84:21

3. Fascia, superficial vessels, lymphatics and cutaneous nerves

a. Superficial fascia, blood vessels, and lymphatics cutaneous n
Sign inclusions: 7) from the anterior superior iliac spine
along the line of the inguinal ligament to the symphysis
pubis; d) from the median end of (a) distally, just lateral
to the acetabulum and along the medial aspect of the thigh for
a distance of 10 cm.; c) from the distal end of (d) antero-
laterally and transversely to the lateral aspect of the thigh;
b) from the end of inclusion (d) distally to the medial con-
dyle of the tibia; c) from the latter point anteriorly and
transversely to the lateral condyle of the tibia.

SUPERFICIAL FASCIA-84:28
GREAT SAPHENOUS VEIN-84:28
SUPERFICIAL EPICRATIC VEIN-84:28
SUPERFICIAL CIRCUMFLEX ILLAC VEIN-84:28
EXTERNAL ILLAC VEIN-84:28
SUPERFICIAL EPICRATIC ARTERY-84:30
SUPERFICIAL CIRCUMFLEX ILLAC ARTERY-84:30
EXTERNAL ILLAC ARTERY-84:30
SUPERFICIAL SUBINGUINAL LYMPH GLANDS-84:32

b. Fossa ovalis

FOSSA OVALIS-84:35
VALVULOSE MEMBRANE-84:35
SUPERIOR CORN-84:35
INFERIOR CORN-84:35
PAROTA CRIBROSA-84:35
Some of the deep subcutaneous lymph glands-84:35, may be
in relation to the fossa ovalis.

c. Cutaneous nerves, superficial prescapular bursa

INGUINAL NERVE-84:35
LATERAL THIGHL NERVE-84:35
ANTERIOR THIGHL NERVE-84:35
ANTERIOR THIGHL CUTANEOUS NERVE-84:35
TIBIOFIBULAR BRANCH OF THE SAPHENOUS NERVE-84:35
CUTANEOUS NERVE OF THE OBTurator-84:35
BURSA PRÆPATELLARIS SUBCUTANEA-84:35
BURSA PRÆPATELLARIS SUBCUTANEA-84:35

d. Deep fascia

FASCIA LATA-27:49

ILIOTIBIAL TRACT-27:50

LATERAL INTERMUSCULAR SEPTUM-27:51

MEDIAL INTERMUSCULAR SEPTUM-27:52

4. Femoral sheath

Demonstrated by making an incision through the fascia lata beginning at the superior cornu of the falciform margin of the fossa ovalis and extending laterally to within about 2 cm. of the anterior superior iliac spine, reflecting the fascial flap laterally and removing the subjacent fat and deep subinguinal lymph glands; contents exposed by a longitudinal incision through the anterior wall of each of the three subdivisions or compartments of the sheath.

FEMORAL ARTERY-51:38

LUMBOINGUINAL NERVE-70:34

FEMORAL VEIN-55:61

FEMORAL CANAL-27:62

The following structures are palpable by introducing the little finger into the femoral canal.

FEMORAL RING-27:63

FEMORAL SEPTUM-27:64

LACUNAR LIGAMENT-25:42

INGUINAL LIGAMENT-25:41

FEMORAL VEIN-55:61

PUBIC BONE-15:40

FEMORAL HERNIA

5. Femoral trigone and its contents

Exposed by removing the fascia lata from the anterior aspect of the proximal third of the thigh.

FEMORAL TRIGONE-27:59

FASCIA ILIOPECTINEA-27:56

LACUNA MUSCULORUM-27:57

LACUNA VASORUM-27:58

FEMORAL ARTERY-51:38

SUPERFICIAL EPIGASTRIC ARTERY-51:39

SUPERFICIAL CIRCUMFLEX ILLIAC ARTERY-51:40

EXTERNAL PUDENDAL ARTERIES-51:41

INGUINAL RAMI^{XX}-51:44

DEEP FEMORAL ARTERY-51:45

MEDIAL CIRCUMFLEX FEMORAL ARTERY-51:46

LATERAL CIRCUMFLEX FEMORAL ARTERY-51:50

FEMORAL VEIN-55:61

SUPERFICIAL EPIGASTRIC VEIN-55:65

SUPERFICIAL CIRCUMFLEX ILLIAC VEIN-55:68

EXTERNAL PUDENDAL VEINS-55:64

GREAT SAPHENOUS VEIN-55:66

ACCESSORY SAPHENOUS VEIN-55:67

5. Deep fascia

ILLIAC TRUNK-27:43
 ILLIAC TRUNK-27:50
 ILLIAC TRUNK-27:51
 ILLIAC TRUNK-27:52

4. Femoral sheath

Demonstrated by making an incision through the fascia lata beginning at the superior corner of the iliac triangle and extending the incision laterally to within about 2 cm. of the anterior superior iliac spine, reflecting the fascial flap laterally and removing the adipose fat and deep subcutaneous lymph glands; contents exposed by a longitudinal incision through the anterior wall of each of the three subdivisions or compartments of the sheath.

FEMORAL VEIN-27:51
 FEMORAL VEIN-27:52
 FEMORAL VEIN-27:53
 FEMORAL VEIN-27:54

The following structures are palpable by introducing the little finger into the femoral canal.

FEMORAL RING-27:55
 FEMORAL RING-27:56
 FEMORAL RING-27:57
 FEMORAL RING-27:58
 FEMORAL RING-27:59
 FEMORAL RING-28:00
 FEMORAL RING-28:01
 FEMORAL RING-28:02
 FEMORAL RING-28:03
 FEMORAL RING-28:04
 FEMORAL RING-28:05
 FEMORAL RING-28:06
 FEMORAL RING-28:07
 FEMORAL RING-28:08
 FEMORAL RING-28:09
 FEMORAL RING-28:10
 FEMORAL RING-28:11
 FEMORAL RING-28:12
 FEMORAL RING-28:13
 FEMORAL RING-28:14
 FEMORAL RING-28:15
 FEMORAL RING-28:16
 FEMORAL RING-28:17
 FEMORAL RING-28:18
 FEMORAL RING-28:19
 FEMORAL RING-28:20
 FEMORAL RING-28:21
 FEMORAL RING-28:22
 FEMORAL RING-28:23
 FEMORAL RING-28:24
 FEMORAL RING-28:25
 FEMORAL RING-28:26
 FEMORAL RING-28:27
 FEMORAL RING-28:28
 FEMORAL RING-28:29
 FEMORAL RING-28:30
 FEMORAL RING-28:31
 FEMORAL RING-28:32
 FEMORAL RING-28:33
 FEMORAL RING-28:34
 FEMORAL RING-28:35
 FEMORAL RING-28:36
 FEMORAL RING-28:37
 FEMORAL RING-28:38
 FEMORAL RING-28:39
 FEMORAL RING-28:40
 FEMORAL RING-28:41
 FEMORAL RING-28:42
 FEMORAL RING-28:43
 FEMORAL RING-28:44
 FEMORAL RING-28:45
 FEMORAL RING-28:46
 FEMORAL RING-28:47
 FEMORAL RING-28:48
 FEMORAL RING-28:49
 FEMORAL RING-28:50
 FEMORAL RING-28:51
 FEMORAL RING-28:52
 FEMORAL RING-28:53
 FEMORAL RING-28:54
 FEMORAL RING-28:55
 FEMORAL RING-28:56
 FEMORAL RING-28:57
 FEMORAL RING-28:58
 FEMORAL RING-28:59
 FEMORAL RING-29:00
 FEMORAL RING-29:01
 FEMORAL RING-29:02
 FEMORAL RING-29:03
 FEMORAL RING-29:04
 FEMORAL RING-29:05
 FEMORAL RING-29:06
 FEMORAL RING-29:07
 FEMORAL RING-29:08
 FEMORAL RING-29:09
 FEMORAL RING-29:10
 FEMORAL RING-29:11
 FEMORAL RING-29:12
 FEMORAL RING-29:13
 FEMORAL RING-29:14
 FEMORAL RING-29:15
 FEMORAL RING-29:16
 FEMORAL RING-29:17
 FEMORAL RING-29:18
 FEMORAL RING-29:19
 FEMORAL RING-29:20
 FEMORAL RING-29:21
 FEMORAL RING-29:22
 FEMORAL RING-29:23
 FEMORAL RING-29:24
 FEMORAL RING-29:25
 FEMORAL RING-29:26
 FEMORAL RING-29:27
 FEMORAL RING-29:28
 FEMORAL RING-29:29
 FEMORAL RING-29:30
 FEMORAL RING-29:31
 FEMORAL RING-29:32
 FEMORAL RING-29:33
 FEMORAL RING-29:34
 FEMORAL RING-29:35
 FEMORAL RING-29:36
 FEMORAL RING-29:37
 FEMORAL RING-29:38
 FEMORAL RING-29:39
 FEMORAL RING-29:40
 FEMORAL RING-29:41
 FEMORAL RING-29:42
 FEMORAL RING-29:43
 FEMORAL RING-29:44
 FEMORAL RING-29:45
 FEMORAL RING-29:46
 FEMORAL RING-29:47
 FEMORAL RING-29:48
 FEMORAL RING-29:49
 FEMORAL RING-29:50
 FEMORAL RING-29:51
 FEMORAL RING-29:52
 FEMORAL RING-29:53
 FEMORAL RING-29:54
 FEMORAL RING-29:55
 FEMORAL RING-29:56
 FEMORAL RING-29:57
 FEMORAL RING-29:58
 FEMORAL RING-29:59
 FEMORAL RING-30:00

3. Femoral triangle and its contents

Exposed by removing the fascia lata from the anterior aspect of the proximal third of the thigh.

FEMORAL TRIANGLE-27:59
 FEMORAL TRIANGLE-28:00
 FEMORAL TRIANGLE-28:01
 FEMORAL TRIANGLE-28:02
 FEMORAL TRIANGLE-28:03
 FEMORAL TRIANGLE-28:04
 FEMORAL TRIANGLE-28:05
 FEMORAL TRIANGLE-28:06
 FEMORAL TRIANGLE-28:07
 FEMORAL TRIANGLE-28:08
 FEMORAL TRIANGLE-28:09
 FEMORAL TRIANGLE-28:10
 FEMORAL TRIANGLE-28:11
 FEMORAL TRIANGLE-28:12
 FEMORAL TRIANGLE-28:13
 FEMORAL TRIANGLE-28:14
 FEMORAL TRIANGLE-28:15
 FEMORAL TRIANGLE-28:16
 FEMORAL TRIANGLE-28:17
 FEMORAL TRIANGLE-28:18
 FEMORAL TRIANGLE-28:19
 FEMORAL TRIANGLE-28:20
 FEMORAL TRIANGLE-28:21
 FEMORAL TRIANGLE-28:22
 FEMORAL TRIANGLE-28:23
 FEMORAL TRIANGLE-28:24
 FEMORAL TRIANGLE-28:25
 FEMORAL TRIANGLE-28:26
 FEMORAL TRIANGLE-28:27
 FEMORAL TRIANGLE-28:28
 FEMORAL TRIANGLE-28:29
 FEMORAL TRIANGLE-28:30
 FEMORAL TRIANGLE-28:31
 FEMORAL TRIANGLE-28:32
 FEMORAL TRIANGLE-28:33
 FEMORAL TRIANGLE-28:34
 FEMORAL TRIANGLE-28:35
 FEMORAL TRIANGLE-28:36
 FEMORAL TRIANGLE-28:37
 FEMORAL TRIANGLE-28:38
 FEMORAL TRIANGLE-28:39
 FEMORAL TRIANGLE-28:40
 FEMORAL TRIANGLE-28:41
 FEMORAL TRIANGLE-28:42
 FEMORAL TRIANGLE-28:43
 FEMORAL TRIANGLE-28:44
 FEMORAL TRIANGLE-28:45
 FEMORAL TRIANGLE-28:46
 FEMORAL TRIANGLE-28:47
 FEMORAL TRIANGLE-28:48
 FEMORAL TRIANGLE-28:49
 FEMORAL TRIANGLE-28:50
 FEMORAL TRIANGLE-28:51
 FEMORAL TRIANGLE-28:52
 FEMORAL TRIANGLE-28:53
 FEMORAL TRIANGLE-28:54
 FEMORAL TRIANGLE-28:55
 FEMORAL TRIANGLE-28:56
 FEMORAL TRIANGLE-28:57
 FEMORAL TRIANGLE-28:58
 FEMORAL TRIANGLE-28:59
 FEMORAL TRIANGLE-29:00
 FEMORAL TRIANGLE-29:01
 FEMORAL TRIANGLE-29:02
 FEMORAL TRIANGLE-29:03
 FEMORAL TRIANGLE-29:04
 FEMORAL TRIANGLE-29:05
 FEMORAL TRIANGLE-29:06
 FEMORAL TRIANGLE-29:07
 FEMORAL TRIANGLE-29:08
 FEMORAL TRIANGLE-29:09
 FEMORAL TRIANGLE-29:10
 FEMORAL TRIANGLE-29:11
 FEMORAL TRIANGLE-29:12
 FEMORAL TRIANGLE-29:13
 FEMORAL TRIANGLE-29:14
 FEMORAL TRIANGLE-29:15
 FEMORAL TRIANGLE-29:16
 FEMORAL TRIANGLE-29:17
 FEMORAL TRIANGLE-29:18
 FEMORAL TRIANGLE-29:19
 FEMORAL TRIANGLE-29:20
 FEMORAL TRIANGLE-29:21
 FEMORAL TRIANGLE-29:22
 FEMORAL TRIANGLE-29:23
 FEMORAL TRIANGLE-29:24
 FEMORAL TRIANGLE-29:25
 FEMORAL TRIANGLE-29:26
 FEMORAL TRIANGLE-29:27
 FEMORAL TRIANGLE-29:28
 FEMORAL TRIANGLE-29:29
 FEMORAL TRIANGLE-29:30
 FEMORAL TRIANGLE-29:31
 FEMORAL TRIANGLE-29:32
 FEMORAL TRIANGLE-29:33
 FEMORAL TRIANGLE-29:34
 FEMORAL TRIANGLE-29:35
 FEMORAL TRIANGLE-29:36
 FEMORAL TRIANGLE-29:37
 FEMORAL TRIANGLE-29:38
 FEMORAL TRIANGLE-29:39
 FEMORAL TRIANGLE-29:40
 FEMORAL TRIANGLE-29:41
 FEMORAL TRIANGLE-29:42
 FEMORAL TRIANGLE-29:43
 FEMORAL TRIANGLE-29:44
 FEMORAL TRIANGLE-29:45
 FEMORAL TRIANGLE-29:46
 FEMORAL TRIANGLE-29:47
 FEMORAL TRIANGLE-29:48
 FEMORAL TRIANGLE-29:49
 FEMORAL TRIANGLE-29:50
 FEMORAL TRIANGLE-29:51
 FEMORAL TRIANGLE-29:52
 FEMORAL TRIANGLE-29:53
 FEMORAL TRIANGLE-29:54
 FEMORAL TRIANGLE-29:55
 FEMORAL TRIANGLE-29:56
 FEMORAL TRIANGLE-29:57
 FEMORAL TRIANGLE-29:58
 FEMORAL TRIANGLE-29:59
 FEMORAL TRIANGLE-30:00

DEEP FEMORAL VEINS-55:72

MEDIAL CIRCUMFLEX FEMORAL VEINS-55:69

LATERAL CIRCUMFLEX FEMORAL VEINS-55:70

LUMBOINGUINAL NERVE-70:34

LATERAL FEMORAL CUTANEOUS NERVE-70:36

FEMORAL NERVE-70:41

The following muscles are in relation to the floor and medial and lateral boundaries of the trigone:

ADDUCTOR LONGUS MUSCLE-27:5

PECTINEUS MUSCLE-27:4

ILIOPSOAS MUSCLE-26:63

SARTORIUS MUSCLE-26:76

FOSSA ILIOPECTINEA-27:60

6. Adductor canal and its contents

ADDUCTOR CANAL-27:53

Exposed by making a longitudinal incision through the fascia lata remaining on the distal two-thirds of the anterior aspect of the thigh and reflecting the fascial flaps laterally and medially, but leaving intact the iliotibial tract; contents demonstrated by a longitudinal incision through the fibrous anterior wall of the canal.

FEMORAL ARTERY-51:38

ARTERIA GENU SUPREMA-51:59

SAPHENOUS NERVE-51:61

MUSCULAR RAMI-51:60

ARTICULAR RAMI-51:62

FEMORAL VEIN-55:611

SAPHENOUS NERVE-70:44

TENDINOUS [ADDUCTOR] OPENING-27:54

7. Muscles of the front of the thigh

SARTORIUS MUSCLE-26:76

TENSOR FASCIAE LATAE MUSCLE-26:70

ILIOTIBIAL TRACT-27:50

LATERAL INTERMUSCULAR SEPTUM OF THE THIGH-27:51

MEDIAL INTERMUSCULAR SEPTUM OF THE THIGH-27:52

QUADRICEPS FEMORIS MUSCLE-26:77

RECTUS FEMORIS MUSCLE-26:78

BURSA OF RECTUS FEMORIS MUSCLE^{XX}-29:7

VASTUS LATERALIS MUSCLE-26:79

VASTUS MEDIALIS MUSCLE-27:2

VASTUS INTERMEDIUS MUSCLE-27:1

Exposed by making a transverse incision through the middle of the rectus femoris muscle and reflecting the distal end.

ARTICULARIS GENU MUSCLE-27:3

Exposed by making a longitudinal incision through the vastus intermedius muscle.

COMMON TENDON OF THE QUADRICEPS FEMORIS MUSCLE-26:77

MEDIAL PATELLAR RETINACULUM-21:19

LATERAL PATELLAR RETINACULUM-21:20

VI. Medial Side of the Thigh

1. Muscles, nerves and vessels

ADDUCTOR LONGUS MUSCLE-27:5

DEEP FEMORAL ARTERY-51:45

Exposed by detaching the pectineus muscle at its origin and reflecting it toward its insertion, guarding, at the same time, the anterior ramus of the obturator nerve.

FIRST PERFORATING ARTERY-51:53

SUPERIOR NUTRIENT FEMORAL ARTERY-51:54

SECOND PERFORATING ARTERY-51:55

THIRD PERFORATING ARTERY-51:56

INFERIOR NUTRIENT FEMORAL ARTERY-51:57

PECTINEUS MUSCLE-27:4

PECTINEAL FASCIA-27:61

BURSA OF PECTINEUS MUSCLE-29:10

MEDIAL CIRCUMFLEX FEMORAL ARTERY-51:46

Exposed by detaching the pectineus muscle at its origin and reflecting it toward its insertion.

SUPERFICIAL RAMUS-51:47

DEEP RAMUS-51:48

ACETABULAR RAMUS-51:49

ADDUCTOR BREVIS MUSCLE-27:7

OBTURATOR NERVE-70:37

POSTERIOR RAMUS-70:40

Exposed by detaching the adductor brevis muscle at its origin and reflecting it toward its insertion.

ANTERIOR RAMUS-70:58

CUTANEOUS RAMUS-70:39

GRACILIS MUSCLE-27:6

PROPER BURSA OF SARTORIUS MUSCLE-29:19

BURSA ANSERINA-29:20

ADDUCTOR MINIMUS MUSCLE-27:9

ADDUCTOR MAGNUS MUSCLE-27:8

TENDINOUS [ADDUCTOR] OPENING-27:54

The following structures are demonstrated by detaching the adductor minimus and magnus muscles at their origins and reflecting them toward their insertions.

OBTURATOR EXTERNUS MUSCLE-27:10

PSOAS MAJOR MUSCLE-26:65

ILIAC MUSCLE-26:64

ARTICULARIS GENU MUSCLE-27:5
Exposed by making a longitudinal incision through
the vastus intermedius muscle.
COMMON TENDON OF THE QUADRICEPS FEMORIS MUSCLE-28:17
MEDIAL PATELLAR RETINACULUM-21:15
LATERAL PATELLAR RETINACULUM-21:20

VI. Medial Side of the Thigh

1. Muscles, nerves and vessels

ADDUCTOR LONGUS MUSCLE-27:5
DEEP FEMORAL ARTERY-21:45
Exposed by detaching the pectineus muscle at its or-
igin and reflecting it toward its insertion.
Running, at the same time, the anterior ramus of the
obturator nerve.
FIRST PERFORATING ARTERY-21:55
SUPERIOR TIBIAL ARTERY-21:55
SECOND PERFORATING ARTERY-21:55
THIRD PERFORATING ARTERY-21:55
INFERIOR TIBIAL ARTERY-21:57
PECTINEUS MUSCLE-27:4
PECTINEAL FASCIA-27:51
TUBA OF PECTINEUS MUSCLE-27:10
MEDIAL CIRCUMFLEX FEMORAL ARTERY-21:45
Exposed by detaching the pectineus muscle at its or-
igin and reflecting it toward its insertion.
SUPERFICIAL RAMUS-21:47
DEEP RAMUS-21:48
ACETABULAR RAMUS-21:49
ADDUCTOR BREVIS MUSCLE-27:7
OBTURATOR NERVE-20:37
POSTERIOR RAMUS-20:40
Exposed by detaching the adductor brevis muscle at
its origin and reflecting it toward its insertion.
ANTERIOR RAMUS-20:35
CUTANEOUS RAMUS-20:35
GRACILIS MUSCLE-27:8
PROPR. TUBA OF SARTORIUS MUSCLE-20:19
BURSA ANTERIOR-20:20
ADDUCTOR MINIMUS MUSCLE-27:9
ADDUCTOR MAGNUS MUSCLE-27:8
TENDON OF ADDUCTOR MAGNUS-27:14
The following structures are demonstrated by detaching the
adductor minimus and magnus muscles at their origins and
reflecting them toward their insertions.
OBTURATOR EXTERNUS MUSCLE-27:10
PROPR. MAJOR TUBA-20:25
ILIO MUSCLE-28:24

OBTURATOR ARTERY-50:64

Demonstrated by the removal of the obturator externus muscle bit by bit.

ANTERIOR RAMUS-50:66

POSTERIOR RAMUS-50:67

ARTERY OF THE ACETABULUM-50:68

VII. Hip Joint1. Structures in relation to the hip joint

Demonstrated by severing the femoral artery, vein and nerve, detaching the iliopsoas muscle at its insertion, dividing the sartorius muscle near its origin and reflecting these structures together with the tensor fasciae latae muscle and exposing the capsule of the hip joint.

ILIOPECTINEAL BURSA-29:8

BURSA OF RECTUS FEMORIS MUSCLE^{xx}-29:7

SUBTENDINOUS ILIAC BURSA-29:9

ARTICULAR CAPSULE-20:64

ILIOFEMORAL LIGAMENT-20:69

ISCHIOCAPSULAR LIGAMENT-21:1

PUBOCAPSULAR LIGAMENT-21:2

ZONA ORBICULARIS-20:68

GLENOID LIP-20:65

TRANSVERSE LIGAMENT OF ACETABULUM-20:66

LIGAMENTUM TERES FEMORIS-20:67

SYNOVIAL MEMBRANE-18:32

VIII. Leg and Foot1. General Characteristicsa. Subdivisions of leg and foot

LEG-5:54

ANTERIOR AND POSTERIOR SURFACES-5:55,56

CALF-5:57

MEDIAL AND LATERAL MALLEOLI-5:58,59

FOOT-5:60

TARSUS-5:61

METATARSUS-5:62

DORSUM AND SOLE OF FOOT-5:63,64

MEDIAL AND LATERAL MARGINS-5:65,66

HEEL-5:67

DIGITS OF FOOT-5:68

HALLUX-5:69

DIGITS II-IV-5:70

SMALLEST DIGIT-5:71

DORSAL AND PLANTAR SURFACES-5:72,73

MEDIAL AND LATERAL MARGINS-5:74,75

OPTICATOR ARTERY-50:64
Demonstrated by the removal of the oblique external
muscle by H.C.
ANTHONIC RADIUS-50:65
POSTERIOR RADIUS-50:67
ARTERY OF THE ACETABULUM-50:68

VII. Hip Joint

1. Structures in relation to the hip joint

Demonstrated by severing the femoral artery, vein and nerve,
detaching the iliopectineus muscle at its insertion, dividing
the sartorius muscle near its origin and reflecting these
structures together with the tensor fasciae latae muscle and
exposing the capsule of the hip joint.
ILIOPECTINEAL BURS-50:69
BURSA OF HIP JOINT FEMORAL MUSCLES-50:7
SUBTENDINOUS ILLAC BURS-50:9
ARTICULAR CAPSULE-50:64
ILIOFEMORAL LIGAMENT-50:69
ISCHIOCAPSULAR LIGAMENT-51:1
TUBOCAPSULAR LIGAMENT-51:2
ZONA CIRCULARIS-50:68
PSEPHOID LIP-50:68
TRANSVERSE LIGAMENT OF ACETABULUM-50:68
LIGAMENTUM TERES MINORIS-50:67
SYNOVIAL MEMBRANE-16:82

VIII. Leg and Foot

1. General Characteristics

a. Subdivisions of leg and foot

LEG-5:52
ANTERIOR AND POSTERIOR SURFACES-5:55,56
OAR-5:57
MEDIAL AND LATERAL MARGINS-5:55,56
FOOT-5:50
TARSUS-5:51
METATARSus-5:52
DORSUM AND SOLE OF FOOT-5:57,58
MEDIAL AND LATERAL MARGINS-5:55,56
HEEL-5:57
DIGITS OF FOOT-5:58
HALLUX-5:59
TOES 11-10:510
SMALLEST TOE-5:51
DORSAL AND PLANTAR SURFACES-5:55,56
MEDIAL AND LATERAL MARGINS-5:55,56

b. Surface anatomy

TUBEROSITY OF THE TIBIA-16:32
ANTERIOR CREST OF THE TIBIA-16:37
MEDIAL MARGIN OF THE TIBIA-16:36
MEDIAL SURFACE OF THE TIBIA-16:33
LATERAL MALLEOLUS-16:57
MEDIAL MALLEOLUS-16:40
TUBEROSITY OF THE NAVICULAR-17:23
TUBEROSITY OF THE FIFTH METATARSAL BONE-17:36

c. Regions

ANTERIOR CRURAL REGION-84:26
POSTERIOR CRURAL REGION-84:27
SURAL REGION-84:28
LATERAL AND MEDIAL CRURAL REGIONS-84:29,30
LATERAL MALLEOLAR REGION-84:31
MEDIAL MALLEOLAR REGION-84:32
LATERAL AND MEDIAL RETROMALLEOLAR REGIONS-84:33,34
CALCANEAL REGION-84:35
DORSAL AND PLANTAR REGIONS OF FOOT-84:36,37
DIGITAL REGIONS OF FOOT-84:38
DORSAL DIGITAL REGIONS-84:39
UNGUICULAR REGIONS-84:40
PLANTAR DIGITAL REGIONS OF FOOT-84:41

2. Anterior region of leg and dorsum of foota. Superficial fascia, cutaneous nerves and veins

Skin incisions; a) longitudinally along the median line of the leg and dorsum of the foot to the base of the middle toe; b) transversely across the ankle; c) transversely across the dorsum of the foot at the bases of the toes; d) a medial longitudinal incision along the dorsal surface of each digit.

SUPERFICIAL FASCIA-23:36
DORSAL DIGITAL VEINS OF FOOT-56:15
INTERCAPITULAR VEINS-56:11
COMMON DIGITAL VEINS OF FOOT-56:9
DORSAL VENOUS ARCH OF FOOT-56:8
DORSAL CUTANEOUS VENOUS NETWORK OF FOOT-56:7
SMALL SAPHENOUS VEIN-56:1 Origin only.
GREAT SAPHENOUS VEIN-55:66 Origin only.
SAPHENOUS NERVE-70:44
MEDIAL CUTANEOUS RAMI OF LEG-70:46
LATERAL SURAL CUTANEOUS NERVE-70:58 Terminal rami only.
SUPERFICIAL PERONEAL NERVE-70:60
DEEP PERONEAL NERVE-70:65 Terminal rami only.
DORSAL DIGITAL NERVES-70:64
LATERAL DORSAL CUTANEOUS NERVE-71:5

5. Surface anatomy
 TUBEROSITY OF THE TIBIA-10:35
 ANTERIOR GURD OF THE TIBIA-10:35
 MEDIAL MALLON OF THE TIBIA-10:35
 MEDIAL MALLON OF THE TIBIA-10:35
 MEDIAL MALLON-10:40
 TUBEROSITY OF THE NAVICULAR-11:25
 TUBEROSITY OF THE PITH METATARSAL BONE-11:25

6. Regions
 ANTERIOR CRURAL REGION-04:45
 POSTERIOR CRURAL REGION-04:45
 SUPRA TIBIAL-04:45
 LATERAL AND MEDIAL CRURAL REGIONS-04:45, 05:00
 LATERAL MEDIAL CRURAL REGION-04:45
 MEDIAL MEDIAL CRURAL REGION-04:45
 LATERAL AND MEDIAL CRURAL REGIONS-04:45, 05:00
 CRURAL REGION-04:45
 DORSAL AND PLANTAR REGIONS OF FOOT-04:45, 05:00
 DORSAL REGION OF FOOT-04:45
 DORSAL DIGITAL REGIONS-04:45
 PLANTAR DIGITAL REGIONS-04:45
 PLANTAR DIGITAL REGIONS OF FOOT-04:45

5. Anterior region of leg and dorsum of foot

a. Superficial fasciae, cutaneous nerves and vessels
 Skin (cutaneous) fasciae: longitudinally along the median line of the leg and dorsum of the foot to the base of the middle toe; b) transversely across the ankle; c) transversely across the dorsum of the foot at the base of the toes; d) a medial longitudinal division along the outer surface of each digit.

ANTERIOR CRURAL REGION-04:45
 DORSAL CRURAL REGION OF FOOT-04:45
 INTERCRURAL REGION-04:45
 COMMON DIGITAL REGION OF FOOT-04:45
 DORSAL CRURAL REGION OF FOOT-04:45
 DORSAL CRURAL REGION OF FOOT-04:45
 SMALL CAPSULES VEIN-04:45 (Vein only)
 GREAT CAPSULES VEIN-04:45 (Vein only)
 BLOODLESS NERVE-04:45
 MEDIAL CRURAL REGION OF FOOT-04:45
 LATERAL CRURAL REGION OF FOOT-04:45 (Tarsal vein only)
 CRURAL REGION OF FOOT-04:45
 MEDIAL CRURAL REGION OF FOOT-04:45 (Tarsal vein only)
 LATERAL CRURAL REGION OF FOOT-04:45

b. Deep fascia

DEEP FASCIA OF THE LEG-27:70
TRANSVERSE CRURAL LIGAMENT-27:73
DORSAL FASCIA OF FOOT-28:1
CRUCIATE LIGAMENT OF THE LEG-27:75
SUPERIOR PERONEAL RETINACULUM-27:76
INFERIOR PERONEAL RETINACULUM-27:77
ANTERIOR FIBULAR SEPTUM-27:71
POSTERIOR FIBULAR SEPTUM-27:72

c. Muscles in the anterior region of leg

Exposed by making a longitudinal incision through the deep fascia on the front of the leg, extending from the knee to the transverse crural ligament and reflecting the deep fascia, but retaining intact the transverse and cruciate crural ligaments.

TIBIALIS ANTERIOR MUSCLE-27:16
EXTENSOR DIGITORUM LONGUS MUSCLE-27:17
EXTENSOR HALLUCIS LONGUS MUSCLE-27:19
PERONEUS TERTIUS MUSCLE-27:18
VAGINA TENDINIS MUSCULI TIBIALIS ANTERIORIS-29:29
VAGINA TENDINIS MUSCULI EXTENSORIS HALLUCIS LONGUS-29:30
VAGINA TENDINIS MUSCULI EXTENSORIS DIGITORUM PEDIS LONGI-29:31

d. Arteries

ANTERIOR TIBIAL ARTERY-52:1
Exposed by separating the extensor digitorum longus from the tibialis anterior muscle.
ANTERIOR TIBIAL RECURRENT ARTERY-52:3 Origin only.
LATERAL ANTERIOR MALLEOLAR ARTERY-52:4
MEDIAL ANTERIOR MALLEOLAR ARTERY-52:5
MEDIAL MALLEOLAR NETWORK-52:6
LATERAL MALLEOLAR NETWORK-52:7
PERFORATING RAMUS OF THE PERONEAL ARTERY-52:20 Termination only.
DORSAL ARTERY OF FOOT-52:8
LATERAL TARSAL ARTERY-52:9
MEDIAL TARSAL ARTERIES-52:10
ARCuate ARTERY-52:11
DORSAL NETWORK OF FOOT-52:12
DORSAL METATARSAL ARTERIES-52:13
DORSAL DIGITAL ARTERIES-52:14
DEEP PLANTAR RAMUS-52:15

e. Nerves

DEEP PERONEAL NERVE-70:65
MUSCULAR RAMI-70:66
DORSAL DIGITAL NERVES TO LATERAL SURFACE OF HALLUX AND TO MEDIAL SURFACE OF DIGIT II-70:67
SUPERFICIAL PERONEAL NERVE-70:60
MUSCULAR RAMI-70:61
MEDIAL DORSAL CUTANEOUS NERVE-70:62
INTERMEDIATE DORSAL CUTANEOUS NERVE-70:62
DORSAL DIGITAL NERVES OF THE FOOT-70:64

b. Deep fascia

DEEP FASCIA OF THE LEG-27:70
 TRANSVERSE CRURAL LIGAMENT-27:73
 CRURAL FASCIA OF FOOT-28:1
 CRUCIATE LIGAMENT OF THE LEG-27:75
 SUPERIOR PERONEAL RETINACULUM-27:76
 INFERIOR PERONEAL RETINACULUM-27:77
 ANTERIOR TIBIAL SEPTUM-27:71
 POSTERIOR TIBIAL SEPTUM-27:72

c. Muscles in the anterior region of leg
 Exposed by making a longitudinal incision through the deep fascia on the front of the leg, extending from the knee to the transverse crural ligament and reflecting the deep fascia, but retaining intact the transverse and cruciate crural ligaments.

TIBIALIS ANTERIOR MUSCLE-27:16
 EXTENSOR DIGITORUM LONGUS MUSCLE-27:17
 EXTENSOR HALUCIS LONGUS MUSCLE-27:19
 PERONEUS TERTIUS MUSCLE-27:18
 VAGINA TENDINIS MUSCULI TIBIALIS ANTERIORIS-29:29
 VAGINA TENDINIS MUSCULI EXTENSORIS HALUCIS LONGUS-29:30
 VAGINA TENDINIS MUSCULI EXTENSORIS DIGITORUM PEDIS LONGI-29:31

d. Arteries

ANTERIOR TIBIAL ARTERY-32:1
 Exposed by separating the extensor digitorum longus from the tibialis anterior muscle.
 ANTERIOR TIBIAL RECURRENT ARTERY-32:3 Origin only
 LATERAL ANTERIOR MALLEOLAR ARTERY-32:4
 MEDIAL ANTERIOR MALLEOLAR ARTERY-32:8
 MEDIAL MALLEOLAR NETWORK-32:8
 LATERAL MALLEOLAR NETWORK-32:7
 PERFORATING BRANCH OF THE PERONEAL ARTERY-32:20 Termination only.

DORSAL ARTERY OF FOOT-32:8
 LATERAL TARSAL ARTERY-32:9
 MEDIAL TARSAL ARTERIES-32:10
 ARCUATE ARTERY-32:11
 DORSAL NETWORK OF FOOT-32:12
 DORSAL METATARSAL ARTERIES-32:13
 DORSAL DIGITAL ARTERIES-32:14
 DEEP PLANTAR BRANCH-32:15

e. Nerves

DEEP PERONEAL NERVE-30:63
 MUSCULAR NERVE-30:63
 DORSAL DIGITAL NERVE TO LATERAL SURFACE OF HALLUX AND TO MEDIAL SURFACE OF DIGIT II-30:64
 SUPERFICIAL PERONEAL NERVE-30:60
 MUSCULAR NERVE-30:61
 MEDIAL DORSAL CUTANEOUS NERVE-30:62
 INTERMEDIATE DORSAL CUTANEOUS NERVE-30:63
 DORSAL DIGITAL NERVE OF THE FOOT-30:64

f. Muscles of the dorsum of the foot

EXTENSOR HALLUCIS BREVIS MUSCLE-27:34

EXTENSOR DIGITORUM BREVIS MUSCLE-27:35

Exposed by dividing the tendons of the muscles on the front of the leg at the level of the transverse cruciate ligament and reflecting the tendons toward their insertion.

DORSAL INTEROSSEOUS MUSCLES-27:47

Demonstrated by dividing the tendons of the extensor digitorum brevis muscle and reflecting the muscle toward its origin; completing, at the same time, the exposure of the lateral tarsal artery, arcuate artery, and terminal rami of the deep peroneal artery.

3. Lateral or peroneal region of leg

a. Deep fascia and muscles

ANTERIOR FIBULAR INTERMUSCULAR SEPTUM-27:71

Demonstrated by making a longitudinal incision through the deep fascia of this region and reflecting the fascia, retaining intact, however, the peroneal retinacula.

POSTERIOR FIBULAR INTERMUSCULAR SEPTUM-27:72

PERONEUS LONGUS MUSCLE-27:20

PERONEUS BREVIS MUSCLE-27:21

SUPERIOR RETINACULUM OF THE PERONEAL MUSCLES-27:76

INFERIOR RETINACULUM OF THE PERONEAL MUSCLES-27:77

COMMON SHEATH OF TENDONS OF THE PERONEAL MUSCLES-29:35

SUBCUTANEOUS BURSA OF THE LATERAL MALLEOLUS-29:27

b. Nerves

COMMON PERONEAL NERVE-70:56

SUPERFICIAL PERONEAL NERVE-70:60

MUSCULAR RAMI-70:61

DEEP PERONEAL NERVE-70:65

4. Medial region of leg

GREAT SAPHEOUS VEIN-55:66

SAPHEOUS NERVE-70:44

INFRAPATELLAR RAMUS-70:45

MEDIAL CUTANEOUS RAMI OF LEG-71:46

TENDONS OF INSERTION OF THE SARTORIUS, GRACILIS AND SEMITENDINOSUS MUSCLES.

TIBIAL COLLATERAL LIGAMENT OF KNEE JOINT-21:14

MEDIAL INFERIOR GENICULAR ARTERY-51:69

5. Posterior region of leg and heel

a. Fascia, superficial veins and cutaneous nerves

Skin incisions: a) longitudinally in the middle line of the leg from the popliteal space to the heel; b) transversely at the distal end of (a) and extending 5 cm. along the medial and lateral margins of the foot.

2. Muscles of the dorsum of the foot
 EXTENSOR HALUCIS BREVIS MUSCLE-27:34
 EXTENSOR DIGITORUM BREVIS MUSCLE-27:35
 Exposed by dividing the tendons of the muscles on the front of the leg at the level of the transverse cuboid ligament and reflecting the tendons toward their insertion.
 DORSAL INTEROSSEOUS MUSCLES-27:47
 Demonstrated by dividing the tendons of the extensor digitorum brevis muscle and reflecting the muscle toward its origin; completing, at the same time, the exposure of the lateral tarsal artery, tarsal artery, and terminal ramus of the deep peroneal artery.

3. Lateral or peroneal region of leg

a. Deep fascia and muscles
 ANTERIOR FIBULAR INTERMUSCULAR SEPTUM-27:51
 Demonstrated by making a longitudinal incision through the deep fascia of this region and reflecting the fascia, retaining intact, however, the peroneal retinacula.

POSTERIOR FIBULAR INTERMUSCULAR SEPTUM-27:52
 PERONEUS LONGUS MUSCLE-27:53
 PERONEUS BREVIS MUSCLE-27:54
 SUPERIOR RETINACULUM OF THE PERONEAL MUSCLES-27:55
 INFERIOR RETINACULUM OF THE PERONEAL MUSCLES-27:56
 COMMON SHEATH OF TENDONS OF THE PERONEAL MUSCLES-27:57
 SUBCUTANEOUS BURSA OF THE LATERAL MALLEOLUS-27:58

b. Nerves

COMMON PERONEAL NERVE-27:59
 SUPERFICIAL PERONEAL NERVE-27:60
 MUSCULAR NERVE-27:61
 DEEP PERONEAL NERVE-27:62

4. Medial region of leg

GREAT SAPHENOUS VEIN-28:63
 SAPHENOUS NERVE-28:64
 INTRAPELVEAL NERVE-28:65
 MEDIAL CUTANEOUS NERVE OF LEG-28:66
 TENDONS OF INSERTION OF THE SARTORIUS, PARSITIS AND SEMI-TENDINOSUS MUSCLES.
 TIBIAL COLLATERAL LIGAMENT OF KNEE JOINT-28:67
 MEDIAL INFERIOR GENICULAR ARTERY-28:68

5. Posterior region of leg and heel

a. Fascia, superficial veins and cutaneous nerves
 Skin incisions: a) longitudinally in the middle line of the leg from the popliteal space to the heel; b) transversely at the distal end of (a) and extending 2 cm. along the medial and lateral margins of the foot.

SMALL SAPHENOUS VEIN-56:1
 GREAT SAPHENOUS VEIN-55:66
 SURAL NERVE-71:3
 MEDIAL SURAL CUTANEOUS NERVE-71:2
 PERONEAL ANASTOMOTIC RAMUS-70:59
 LATERAL SURAL CUTANEOUS NERVE-70:58
 POSTERIOR FEMORAL CUTANEOUS NERVE-70:51
 MEDIAL CRURAL CUTANEOUS RAMI OF THE SAPHENOUS NERVE-70:46
 ANTERIOR FEMORAL CUTANEOUS NERVES-70:42 Medial terminal
 rami only.
 DEEP FASCIA-27:74
 LACINIATE LIGAMENT-27:74

b. Muscles; superficial group

Exposed by dividing the deep fascia in the median line from the popliteal fossa to the heel and reflecting the fascia, but retaining intact the lacinate ligament.

TRICEPS MUSCLE OF THE CALF-27:22

GASTROCNEMIUS MUSCLE-27:22

LATERAL HEAD-27:24

MEDIAL HEAD-27:25

LATERAL BURSA OF GASTROCNEMIUS MUSCLE-29:24

MEDIAL BURSA OF GASTROCNEMIUS MUSCLE-29:25

SOLEUS MUSCLE-27:26

Exposed by detaching the gastrocnemius at its attachment to the calcaneal tendon and reflecting it proximally.

TENDINOUS ARCH OF THE SOLEUS MUSCLE-27:27

PLANTARIS MUSCLE-27:29

CALCANEAL TENDON (OF ACHILLES)-27:28

SUBCUTANEOUS CALCANEAL BURSA-29:29

BURSA OF CALCANEAL TENDON-29:40

Demonstrated by dividing the calcaneal tendon a few centimeters from its insertion and reflecting the tendon.

c. Muscles; deep group

Structures exposed by detaching the soleus muscle at its origin from the tibia, separating it from the tendinous arch, reflecting the muscle laterally, and making a longitudinal incision through the deep transverse fascia or septum between the superficial and deep group of muscles of the back of the leg.

POPLITEUS MUSCLE-27:30

BURSA OF POPLITEUS MUSCLE-29:22

FLEXOR DIGITORUM LONGUS MUSCLE-27:32

SHEATH OF TENDONS OF FLEXOR DIGITORUM LONGUS MUSCLE-29:32

TIBIALIS POSTERIOR MUSCLE-27:31

SHEATH OF TENDON OF TIBIALIS POSTERIOR MUSCLE-29:33

FLEXOR HALLUCIS LONGUS MUSCLE-27:33

SHEATH OF TENDON OF FLEXOR HALLUCIS LONGUS MUSCLE-29:34

d. Arteries

POPLITEAL ARTERY-51:63 Termination only.

ANTERIOR TIBIAL ARTERY-52:1 Origin only.

POSTERIOR TIBIAL RECURRENT ARTERY-52:2

SMALL SAPHENOUS VEIN-56:1
 GREAT SAPHENOUS VEIN-55:50
 SURAL NERVE-71:3
 MEDIAL SURAL CUTANEOUS NERVE-71:3
 PERONEAL ANASTOMOtic NERVE-70:53
 LATERAL SURAL CUTANEOUS NERVE-70:53
 POSTERIOR PERONEAL CUTANEOUS NERVE-70:51
 MEDIAL GASTROCNEMIUS NERVE OF THE SAPHENOUS NERVE-70:48
 ANTERIOR PERONEAL CUTANEOUS NERVE-70:45 Medial terminal
 ramus only.
 DEEP FASCIA-27:74
 LACINIATE LIGAMENT-27:74

d. Muscles: superficial group
 Exposed by dividing the deep fascia in the median line from
 the popliteal fossa to the heel and reflecting the fascia,
 but retaining intact the lacinate ligament.
 TRICEPS MUSCLE OF THE Calf-27:25
 GASTROCNEMIUS MUSCLE-27:22
 LATERAL HEAD-27:22
 MEDIAL HEAD-27:22
 LATERAL BURN OF GASTROCNEMIUS MUSCLE-29:24
 MEDIAL BURN OF GASTROCNEMIUS MUSCLE-29:24
 SOLIUS MUSCLE-27:20
 Exposed by detaching the gastrocnemius at its attach-
 ment to the calcaneal tendon and reflecting it
 proximally.
 TENDONOUS ARCH OF THE SOLIUS MUSCLE-27:27
 PLANTARIS MUSCLE-27:29
 CALCANEAL TENDON (OF ACHILLES)-27:28
 SUBTANTANEOUS CALCANEAL BURN-28:28
 BURN OF CALCANEAL TENDON-28:40
 Demonstrated by dividing the calcaneal tendon
 a few centimeters from its insertion and reflecting
 the tendon.

e. Muscles: deep group
 Structures exposed by detaching the solus muscle at its or-
 igin from the tibia, separating it from the tendinous arch,
 reflecting the muscle laterally, and making a longitudinal
 incision through the deep transverse fascia or septum be-
 tween the superficial and deep group of muscles of the back
 of the leg.
 POPLITEUS MUSCLE-30:30
 BURN OF POPLITEUS MUSCLE-30:32
 PLEON DISTORTION LONGUS MUSCLE-30:32
 SHEATH OF TENDON OF PLEON DISTORTION LONGUS MUSCLE-30:32
 TIBIALIS POSTERIOR MUSCLE-30:31
 SHEATH OF TENDON OF TIBIALIS POSTERIOR MUSCLE-30:32
 PLEON HILLUS LONGUS MUSCLE-30:32
 SHEATH OF TENDON OF PLEON HILLUS LONGUS MUSCLE-30:32

f. Arteries
 POSTERIOR TIBIAL RECURRENT ARTERY-32:2
 ANTERIOR TIBIAL ARTERY-32:1 Origin only.
 FIBULAR ARTERY-32:2 Termination only.

ANTERIOR TIBIAL LYMPH GLAND-57:6
 POSTERIOR TIBIAL ARTERY-52:16
 FIBULAR RAMUS-52:17
 PERONEAL ARTERY-52:18
 NUTRIENT ARTERY OF THE FIBULA-52:19
 PERFORATING RAMUS-52:20
 COMMUNICATING RAMUS-52:21
 LATERAL POSTERIOR MALLEOLAR ARTERY-52:22
 LATERAL CALCANEAL RAMI-52:23
 NUTRIENT ARTERY OF THE TIBIA-52:24
 MEDIAL POSTERIOR MALLEOLAR ARTERY-52:25
 MEDIAL CALCANEAL RAMI-52:26
 NETWORK OF HEEL-52:27

e. Nerves

TIBIAL NERVE-70:68
 MUSCULAR RAMI-70:69
 INTEROSSEOUS NERVE OF LEG-71:1
 MEDIAL SURAL CUTANEOUS NERVE-71:2
 SURAL NERVE-71:3

f. Lacinate ligament-27:74

6. Plantar region of the foot

a. Fascia and superficial veins

Skin incisions: a) longitudinally along the middle line of the sole; b) transversely across the sole at the clefts of the toes; c) longitudinally along the middle line of each toe.

SUPERFICIAL FASCIA-23:36
 DIGITAL PLANTAR VEINS-56:16
 PLANTAR VENOUS ARCH-56:13
 INTERCAPITULAR VEINS-56:11
 PLANTAR VENOUS NETWORK-56:12
 MEDIAL CALCANEAL RAMI OF THE TIBIAL NERVE-71:6
 PLANTAR APONEUROSIS-28:2
 TRANSVERSE FASCICULI-28:3

b. Muscles; superficial layer

ABDUCTOR HALLUCIS MUSCLE-27:36
 FLEXOR DIGITORUM BREVIS MUSCLE-27:44
 VAGINAL LIGAMENT-28:6
 ANNULAR LIGAMENT-28:5
 CRUCIATE LIGAMENT-28:7
 DIGITAL SHEATHS OF TENDONS OF FOOT-29:44
 ABDUCTOR DIGITI QUINTI MUSCLE-27:41

c. Plantar arteries

Exposed by detaching the preceding muscles at their origins and reflecting them toward their insertions (noting at the same time their nerve supply).
 MEDIAL PLANTAR ARTERY-52:28
 SUPERFICIAL RAMUS-52:30
 DEEP RAMUS-52:29
 LATERAL PLANTAR ARTERY-52:31

ANTERIOR TIBIAL NERVE-57:8
 POSTERIOR TIBIAL NERVE-58:18
 TIBIAL NERVE-58:17
 PERONEAL NERVE-58:18
 TIBIAL NERVE OF THE FIBULA-58:18
 PERONEAL NERVE-58:20
 COMMUNICATING NERVE-58:21
 LATERAL POSTERIOR MALLEOLAR NERVE-58:22
 LATERAL CALCANEAL NERVE-58:23
 NUTRIENT ARTERY OF THE TIBIA-58:24
 MEDIAL POSTERIOR MALLEOLAR NERVE-58:25
 MEDIAL CALCANEAL NERVE-58:26
 NETWORK OF NERVE-58:27

e. Nerves

TIBIAL NERVE-59:68
 PERONEAL NERVE-59:69
 INTEROSSEOUS NERVE OF LEG-VI:1
 MEDIAL SURAL CUTANEOUS NERVE-VI:2
 SURAL NERVE-VI:3

f. Fasciae and ligaments-57:74

g. Planter region of the foot

a. Fascia and superficial veins
 Skin incisions: a) longitudinally along the middle line of the sole; b) transversely across the sole at the ends of the toes; c) longitudinally along the middle line of each toe.

SUPERFICIAL FASCIA-58:36
 DIGITAL PLANTAR VEINS-58:18
 PLANTAR VENOUS ARCH-58:19
 INTERCAPSULAR VEINS-58:17
 PLANTAR VENOUS NETWORK-58:18
 MEDIAL CALCANEAL NERVE OF THE TIBIAL NERVE-VI:3
 PLANTAR APOPHYSIS-58:2
 TRANSVERSE FASCICULI-58:3

b. Muscles and superficial layer

ABDUCTOR DIGITUM MUSCLES-57:38
 FLEXOR DIGITUM BREVIS MUSCLES-57:44
 VAGINAL LIGAMENT-58:6
 ANNULAR LIGAMENT-58:5
 CRUCIATE LIGAMENT-58:7
 DIGITAL SHEATHS OF TENDONS OF FOOT-58:44
 ABDUCTOR DIGITI QUINQUE MUSCLES-57:41

c. Planter arteries

Exposed by detaching the preceding muscles at their origins and reflecting them toward their insertions (noting at the same time their nerve supply).
 MEDIAL PLANTAR ARTERY-58:32
 SUPERFICIAL RAMUS-58:33
 DEEP RAMUS-58:33
 LATERAL PLANTAR ARTERY-58:31

d. Plantar Nerves

MEDIAL PLANTAR NERVE-71:7
 COMMON DIGITAL PLANTAR NERVES-71:8
 PROPER DIGITAL PLANTAR NERVES-71:9
 LATERAL PLANTAR NERVE-71:10
 SUPERFICIAL RAMUS-71:11
 COMMON DIGITAL PLANTAR NERVES-71:12
 PROPER DIGITAL PLANTAR NERVES-71:13

e. Muscles; second layer of muscles and tendons

TENDONS OF THE FLEXOR DIGITORUM LONGUS MUSCLE-27:32
 QUADRATUS PLANTAE MUSCLE-27:45
 LUMBRICALES MUSCLES-27:46
 BURSAE OF LUMBRICALES MUSCLES-29:43
 TENDON OF THE FLEXOR HALLUCIS LONGUS MUSCLE-27:33

f. Muscles; third layer

Exposed by dividing the tendons of the flexor digitorum longus and flexor hallucis longus muscles, the heads of the quadratus plantae muscle, and the plantar vessels and nerves near the os calcaneum and reflecting these structures distally (noting at the same time the nerve supply to the lumbrical muscles).
 FLEXOR HALLUCIS BREVIS MUSCLE-27:37
 ADDUCTOR HALLUCIS MUSCLE-27:38
 OBLIQUE HEAD-27:39
 TRANSVERSE HEAD-27:40
 FLEXOR DIGITI QUINTI BREVIS MUSCLE-27:42
 OPPONENS DIGITI QUINTI MUSCLE-27:43

g. Plantar arch and deep division of the lateral plantar nerve

Demonstrated by detaching the flexor hallucis brevis muscle and the oblique head of the adductor hallucis muscle at their origins and reflecting them distally (identifying at the same time the nerve supply of the latter muscle).
 PLANTAR ARCH-52:32
 PLANTAR METATARSAL ARTERIES-52:33
 PERFORATING RAMI-52:34
 DIGITAL PLANTAR ARTERIES-52:35
 DEEP BRANCH OF LATERAL PLANTAR NERVE-71:14

h. Interosseous muscles and deep tendons

TRANSVERSE LIGAMENT OF THE HEADS OF THE METATARSAL BONES-22:21
 PLANTAR INTEROSSEOUS MUSCLES-27:48
 DORSAL INTEROSSEOUS MUSCLES-27:47
 TENDON OF TIBIALIS POSTERIOR MUSCLE-27:31
 TENDON OF PERONEUS LONGUS MUSCLE-27:20
 PLANTAR SHEATH OF TENDON OF PERONEUS LONGUS MUSCLE-29:41

7. Articulations of the leg and foot

a. KNEE JOINT-21:3

ARTICULAR CAPSULE-21:4
 FIBULAR COLLATERAL LIGAMENT-21:13

5. Plantar Nerves

MEDIAL PLANTAR NERVE-71:7
COMMON DIGITAL PLANTAR NERVES-71:8
PROPER DIGITAL PLANTAR NERVES-71:9
LATERAL PLANTAR NERVE-71:10
SUPERFICIAL PLANTAR NERVE-71:11
COMMON DIGITAL PLANTAR NERVES-71:12
PROPER DIGITAL PLANTAR NERVES-71:13

6. Muscles; second layer of muscles and tendons
TENDON OF THE FLEXOR DIGITORUM LONGUS MUSCLE-27:32
QUADRATUS PLANTAE MUSCLE-27:42
LUMBRICAL MUSCLES-27:43
BURSA OF LUMBRICAL MUSCLES-29:43
TENDON OF THE FLEXOR HALUCIS LONGUS MUSCLE-27:33

7. Muscles; third layer

Exposed by dividing the tendons of the flexor digitorum longus and flexor hallucis longus muscles, the heads of the quadratus plantae muscle, and the plantar vessels and nerves near the os calcis and reflecting these structures distally (noting at the same time the nerve supply to the lumbrical muscles).

FLEXOR HALUCIS BREVIS MUSCLE-27:37
ADDUCTOR HALUCIS MUSCLE-27:38
OBLIQUE HEAD-27:39
TRANSVERSE HEAD-27:40
FLEXOR DIGITI QUINTI BREVIS MUSCLE-27:42
OPPOSITUS DIGITI QUINTI MUSCLE-27:43

8. Plantar arch and deep division of the lateral plantar nerve
Demonstrated by detaching the flexor hallucis brevis muscle and the oblique head of the adductor hallucis muscle at their origins and reflecting them distally (identifying at the same time the nerve supply of the latter muscle).

PIANTAR ARCH-28:32
PIANTAR METATARSAL ARTERIES-28:33
PERFORATING RAMI-28:34
DIGITAL PLANTAR ARTERIES-28:35
DEEP BRANCH OF LATERAL PLANTAR NERVE-71:14

9. Intrinsics muscles and deep tendons

TRANSVERSE LIGAMENT OF THE HEAD OF THE METATARSAL BONES-28:21
PIANTAR INTEROSSEOUS MUSCLES-27:48
DORSAL INTEROSSEOUS MUSCLES-27:49
TENDON OF TIBIALIS POSTERIOR MUSCLE-27:51
TENDON OF PERONEUS LONGUS MUSCLE-27:50
PIANTAR SHEATH OF TENDON OF PERONEUS LONGUS MUSCLE-29:41

10. Articulations of the foot and toes

ARTICULAR JOINT-21:8
ARTICULAR CAPSULE-21:9
PIANTAR COLLATERAL LIGAMENT-21:12

TIBIAL COLLATERAL LIGAMENT-21:14
OBLIQUE POPLITEAL LIGAMENT-21:15
ARCUATE POPLITEAL LIGAMENT-21:16
LIGAMENT OF THE PATELLA-21:18
MEDIAL PATELLAR RETINACULUM-21:19
LATERAL PATELLAR RETINACULUM-21:20

The following structures may be exposed by making a longitudinal incision on either side of the patella and patellar ligament, dividing the quadriceps extensor muscle about 8 cm. above the patella, and reflecting the patella and common extensor tendon distally.

PATELLAR SYNOVIAL FOLD-21:11
DEEP INFRAPATELLAR BURSA-29:17
LATERAL MENISCUS-21:5
MEDIAL MENISCUS-21:6
TRANSVERSE LIGAMENT OF THE KNEE-21:7
CRUCIATE LIGAMENTS OF THE KNEE-21:8
 ANTERIOR CRUCIATE LIGAMENT-21:9
 POSTERIOR CRUCIATE LIGAMENT-21:10
SYNOVIAL MEMBRANE-18:32

b. Ankle joint-21:29

ARTICULAR CAPSULE-21:30
DELTOID LIGAMENT-21:31
 TIBIONAVICULAR LIGAMENT-21:32
 CALCANEOTIBIAL LIGAMENT-21:33
 ANTERIOR TALOTIBIAL LIGAMENT-21:34
 POSTERIOR TALOTIBIAL LIGAMENT-21:35
ANTERIOR TALOFIBULAR LIGAMENT-21:36
POSTERIOR TALOFIBULAR LIGAMENT-21:37
CALCANEOFIBULAR LIGAMENT-21:38
SYNOVIAL MEMBRANE-18:32

c. Tibiofibular joints

TIBIOFIBULAR ARTICULATION-21:21
 ARTICULAR CAPSULE-21:22
 LIGAMENTS OF THE HEAD OF THE FIBULA-21:23
 INTEROSSEOUS MEMBRANE-21:24
TIBIOFIBULAR SYNDESMOSIS-21:25
 ANTERIOR LIGAMENT OF THE LATERAL MALLEOLUS-21:26
 POSTERIOR LIGAMENT OF THE LATERAL MALLEOLUS-21:27

d. Intertarsal Articulations-21:39

TALOCALCANEAL ARTICULATION-21:41
 ARTICULAR CAPSULE-21:42
 LATERAL TALOCALCANEAL LIGAMENT-21:43
 MEDIAL TALOCALCANEAL LIGAMENT-21:44
 ANTERIOR TALOCALCANEAL LIGAMENT-21:45
 POSTERIOR TALOCALCANEAL LIGAMENT-21:46
TALOCALCANEONAVICULAR ARTICULATION-21:40
 DORSAL TALONAVICULAR LIGAMENT-21:58
 ARTICULAR CAPSULE OF THE TALONAVICULAR PART OF THE JOINT-21:49
 The examination of the articulation may be completed by severing the ligaments holding the talus in place and removing the talus.
 INTEROSSEOUS TALOCALCANEAL LIGAMENT-21:54

PLANTAR CALCANEONAVICULAR LIGAMENT-21:70
 CALCANEONAVICULAR PART OF THE BIFURCATE LIGAMENT-21:62
 DORSAL CALCANEONAVICULAR LIGAMENT-21:64
 CHOPART'S TRANSVERSE ARTICULATION OF THE TARSUS-21:47
 TALONAVICULAR ARTICULATION-21:48
 Note that this is a part of the talocalcaneonavicular articulation; attention has already been directed to its articular capsule in connection with the talocalcaneonavicular articulation.
 CALCANEOCUBOID ARTICULATION-21:50
 ARTICULAR CAPSULE-21:51
 PLANTAR CALCANEOCUBOID LIGAMENT-21:69
 LONG PLANTAR LIGAMENT-21:67
 Not confined entirely to this articulation.
 CUNEONAVICULAR ARTICULATION-21:52
 DORSAL NAVICULAR CUNEIFORM LIGAMENTS-21:65
 PLANTAR NAVICULAR CUNEIFORM LIGAMENTS-22:2
 LIGAMENTS CONNECTING THE CUBOID, NAVICULAR AND CUNEIFORM BONES;
 DORSAL CUBOIDEONAVICULAR LIGAMENT-21:60
 DORSAL CUNEOCUBOID LIGAMENT-21:59
 PLANTAR CUBOIDEONAVICULAR LIGAMENT-22:3
 PLANTAR CUNEOCUBOID LIGAMENT-22:5
 PLANTAR INTERCUNEIFORM LIGAMENTS-22:4
 INTEROSSEOUS CUNEOCUBOID LIGAMENT-21:55
 INTEROSSEOUS INTERCUNEIFORM LIGAMENTS-21:56

e.Tarsometatarsal articulations-22:6

ARTICULAR CAPSULES-22:7
 DORSAL TARSOMETATARSAL LIGAMENTS-22:8
 PLANTAR TARSOMETATARSAL LIGAMENTS-22:9
 INTEROSSEOUS CUNOMETATARSAL LIGAMENTS-22:10

f.Intermetatarsal articulations-22:11

ARTICULAR CAPSULES-22:12
 DORSAL LIGAMENTS OF THE BASES OF THE METATARSAL BONES-22:14
 PLANTAR LIGAMENTS OF THE BASES OF THE METATARSAL BONES-22:15
 INTEROSSEOUS LIGAMENTS OF THE BASES OF THE METATARSAL BONES-22:13
 INTEROSSEOUS SPACES OF METATARSUS-22:16

g.Metatarsophalangeal articulations-22:17

ARTICULAR CAPSULES-22:18
 COLLATERAL LIGAMENTS-22:19
 PLANTAR ACCESSORY LIGAMENTS-22:20
 TRANSVERSE LIGAMENTS OF THE HEADS OF THE METATARSAL BONES-22:21

h.Articulations of the toes-22:22

ARTICULAR CAPSULES-22:23
 COLLATERAL LIGAMENTS-22:24

PLANTAR CALCANEonavicular LIGAMENT-21:70
 CALCANEonavicular PART OF THE PLANTAR LIGAMENT-21:68
 DORSAL CALCANEonavicular LIGAMENT-21:64
 CHOPART'S TRANSVERSE LIGAMENT OF THE TALAR-21:67
 TALonavicular LIGAMENT-21:68
 Note that this is a part of the calcaneonavicular-
 The articulation, attention has already been direct-
 ed to its articulation, as well as its connection with the
 calcaneonavicular articulation.

CALCANEonavicular LIGAMENT-21:60
 ARTICULAR CAPSULE-21:61
 PLANTAR CALCANEonavicular LIGAMENT-21:60
 LONG PLANTAR LIGAMENT-21:67
 Not confined entirely to this articulation.
 CUNEOonavicular ARTICULATION-21:62
 DORSAL NAVICULAR CUNEOFORM LIGAMENT-21:68
 PLANTAR NAVICULAR CUNEOFORM LIGAMENT-21:68
 LIGAMENTS CONNECTING THE CUBOID, NAVICULAR AND CUNEOFORM
 BONES:

DORSAL CUBOIDITonavicular LIGAMENT-21:60
 DORSAL CUNEOCUBOID LIGAMENT-21:60
 PLANTAR CUBOIDITonavicular LIGAMENT-21:68
 PLANTAR CUNEOCUBOID LIGAMENT-21:68
 PLANTAR INTERCUBOIDITonavicular LIGAMENT-21:68
 INTERCUBOIDITonavicular LIGAMENT-21:68
 INTERCUBOIDITonavicular LIGAMENT-21:68

e. Transmetatarsal articulations-21:6
 ARTICULAR CAPSULE-21:6
 DORSAL TRANSMETatarsal LIGAMENT-21:6
 PLANTAR TRANSMETatarsal LIGAMENT-21:6
 INTERCUBOIDITonavicular LIGAMENT-21:6

f. Intermetatarsal articulations-21:11
 ARTICULAR CAPSULE-21:11
 DORSAL LIGAMENTS OF THE SPACES OF THE METATARSAL BONES-
 21:14
 PLANTAR LIGAMENTS OF THE SPACES OF THE METATARSAL BONES-21:15
 INTERCUBOIDITonavicular LIGAMENTS OF THE SPACES OF THE METATARSAL
 BONES-21:12
 INTERCUBOIDITonavicular SPACES OF METATARSAL-21:10

g. Metatarsophalangeal articulations-21:17
 ARTICULAR CAPSULE-21:17
 COLLATERAL LIGAMENTS-21:18
 PLANTAR ACCESSORY LIGAMENTS-21:20
 TRANSVERSE LIGAMENTS OF THE METATARSAL BONES-
 21:21

h. Articulations of the toes-21:21
 ARTICULAR CAPSULE-21:21
 COLLATERAL LIGAMENTS-21:24

Part Two

Systematic Anatomy

1 NOMINA ANATOMICA

2 TERMINI, SINGULI ET DIRECTIONEM PARTIUM CORPORIS HUMANI

3 Termini generales

1 Verticalis	13 Anterior	25 Longitudinalis
2 Horizontalis	14 Medius	26 Transversarius
3 Medianus	15 Posterior	27 Cruralis
4 Sagittalis	16 Ventralis	28 Rostralis
5 Frontalis	17 Dorsalis	29 Caudalis
6 Transversalis	18 Internus	30 Superior
7 Medialis	19 Externus	31 Inferior
8 Intermedius	20 Dexter	32 Superficialis (sublimis)
9 Lateralis	21 Sinister	33 Profundus

Part Two

4 Termini ad describendum corpus humanum

SYSTEMATIC ANATOMY

1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359	1360	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	1394	1395	1396	1397	1398	1399	1400	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410	1411	1412	1413	1414	1415	1416	1417	1418	1419	1420	1421	1422	1423	1424	1425	1426	1427	1428	1429	1430	1431	1432	1433	1434	1435	1436	1437	1438	1439	1440	1441	1442	1443	1444	1445	1446	1447	1448	1449	1450	1451	1452	1453	1454	1455	1456	1457	1458	1459	1460	1461	1462	1463	1464	1465	1466	1467	1468	1469	1470	1471	1472	1473	1474	1475	1476	1477	1478	1479	1480	1481	1482	1483	1484	1485	1486	1487	1488	1489	1490	1491	1492	1493	1494	1495	1496	1497	1498	1499	1500	1501	1502	1503	1504	1505	1506	1507	1508	1509	1510	1511	1512	1513	1514	1515	1516	1517	1518	1519	1520	1521	1522	1523	1524	1525	1526	1527	1528	1529	1530	1531	1532	1533	1534	1535	1536	1537	1538	1539	1540	1541	1542	1543	1544	1545	1546	1547	1548	1549	1550	1551	1552	1553	1554	1555	1556	1557	1558	1559	1560	1561	1562	1563	1564	1565	1566	1567	1568	1569	1570	1571	1572	1573	1574	1575	1576	1577	1578	1579	1580	1581	1582	1583	1584	1585	1586	1587	1588	1589	1590	1591	1592	1593	1594	1595	1596	1597	1598	1599	1600	1601	1602	1603	1604	1605	1606	1607	1608	1609	1610	1611	1612	1613	1614	1615	1616	1617	1618	1619	1620	1621	1622	1623	1624	1625	1626	1627	1628	1629	1630	1631	1632	1633	1634	1635	1636	1637	1638	1639	1640	1641	1642	1643	1644	1645	1646	1647	1648	1649	1650	1651	1652	1653	1654	1655	1656	1657	1658	1659	1660	1661	1662	1663	1664	1665	1666	1667	1668	1669	1670	1671	1672	1673	1674	1675	1676	1677	1678	1679	1680	1681	1682	1683	1684	1685	1686	1687	1688	1689	1690	1691	1692	1693	1694	1695	1696	1697	1698	1699	1700	1701	1702	1703	1704	1705	1706	1707	1708	1709	1710	1711	1712	1713	1714	1715	1716	1717	1718	1719	1720	1721	1722	1723	1724	1725	1726	1727	1728	1729	1730	1731	1732	1733	1734	1735	1736	1737	1738	1739	1740	1741	1742	1743	1744	1745	1746	1747	1748	1749	1750	1751	1752	1753	1754	1755	1756	1757	1758	1759	1760	1761	1762	1763	1764	1765	1766	1767	1768	1769	1770	1771	1772	1773	1774	1775	1776	1777	1778	1779	1780	1781	1782	1783	1784	1785	1786	1787	1788	1789	1790	1791	1792	1793	1794	1795	1796	1797	1798	1799	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	237
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	-----

Part Two

Systematic Anatomy¹

1 NOMINA ANATOMICA

2 TERMINI, SITUM ET DIRECTIONEM PARTIUM CORPORIS INDICANTES

3 Termini generales

4 Verticalis	13 Anterior	22 Longitudinalis
5 Horizontalis	14 Medius	23 Transversus
6 Medianus	15 Posterior	24 Cranialis
7 Sagittalis	16 Ventralis	25 Rostralis ^x
8 Frontalis	17 Dorsalis	26 Caudalis
9 Transversalis	18 Internus	27 Superior
10 Medialis	19 Externus	28 Inferior
11 Intermedius	20 Dexter	29 Superficialis {sublimis}
12 Lateralis	21 Sinister	30 Profundus

31 Termini ad extremitates spectantes

32 Proximalis	35 Ulnaris
33 Distalis	36 Tibialis
34 Radialis	37 Fibularis

¹ The following arrangement of terms is based on that of the B N A system as published by His in the Archiv für Anatomie und Entwicklungsgeschichte, Supplemental Band, 1895.

All of the terms have been left in their original Latin form. Certain obvious errors in the original lists (cf. also Eycleshymer's Anatomical Names, p. 2, 1917) have been corrected as follows:

p. 20, Nos. 34, 35 corrected to read Ligg. instead of Lig.
p. 23, Nos. 55, 56, 57 corrected to read MM. instead of M.
p. 25, No. 49 " " " [Spegeli] " " [Spige]
p. 29, No. 4 " " " obturatoris " " obturatorii
p. 34, No. 65 " " " fibrosa " " fibrosus
p. 53, No. 74, 75, 76 " " " Vv. " " V.
p. 55, No. 71 " " " V. " " Vv
p. 68, No. 65, " " " Nn. " " N.

For the significance of brackets and asterisks see footnote, Part I, page 1. The prefixed numerals in Part II merely indicate the serial position of each term for cross reference purposes.

АТМОСФЕРА АНТИМОИ

23. Termination of the contract

32	Proximale	32	Ulnaris
33	Distalis	33	Tibialis
34	Radialis	37	Tibularis

All of the terms have been left in their original Latin form. Certain obvious errors in the original lists (cf. also Hyslop's 'Anatomical Names', p. 2, 1917) have been corrected as follows:

P. 68.	No. 65.	"	"	"	"
P. 67.	No. 64.	"	"	"	"
P. 66.	No. 63.	"	"	"	"
P. 65.	No. 62.	"	"	"	"
P. 64.	No. 61.	"	"	"	"
P. 63.	No. 60.	"	"	"	"
P. 62.	No. 59.	"	"	"	"
P. 61.	No. 58.	"	"	"	"
P. 60.	No. 57.	"	"	"	"
P. 59.	No. 56.	"	"	"	"
P. 58.	No. 55.	"	"	"	"
P. 57.	No. 54.	"	"	"	"
P. 56.	No. 53.	"	"	"	"
P. 55.	No. 52.	"	"	"	"
P. 54.	No. 51.	"	"	"	"
P. 53.	No. 50.	"	"	"	"
P. 52.	No. 49.	"	"	"	"
P. 51.	No. 48.	"	"	"	"
P. 50.	No. 47.	"	"	"	"
P. 49.	No. 46.	"	"	"	"
P. 48.	No. 45.	"	"	"	"
P. 47.	No. 44.	"	"	"	"
P. 46.	No. 43.	"	"	"	"
P. 45.	No. 42.	"	"	"	"
P. 44.	No. 41.	"	"	"	"
P. 43.	No. 40.	"	"	"	"
P. 42.	No. 39.	"	"	"	"
P. 41.	No. 38.	"	"	"	"
P. 40.	No. 37.	"	"	"	"
P. 39.	No. 36.	"	"	"	"
P. 38.	No. 35.	"	"	"	"
P. 37.	No. 34.	"	"	"	"
P. 36.	No. 33.	"	"	"	"
P. 35.	No. 32.	"	"	"	"
P. 34.	No. 31.	"	"	"	"
P. 33.	No. 30.	"	"	"	"
P. 32.	No. 29.	"	"	"	"
P. 31.	No. 28.	"	"	"	"
P. 30.	No. 27.	"	"	"	"
P. 29.	No. 26.	"	"	"	"
P. 28.	No. 25.	"	"	"	"
P. 27.	No. 24.	"	"	"	"
P. 26.	No. 23.	"	"	"	"
P. 25.	No. 22.	"	"	"	"
P. 24.	No. 21.	"	"	"	"
P. 23.	No. 20.	"	"	"	"
P. 22.	No. 19.	"	"	"	"
P. 21.	No. 18.	"	"	"	"
P. 20.	No. 17.	"	"	"	"
P. 19.	No. 16.	"	"	"	"
P. 18.	No. 15.	"	"	"	"
P. 17.	No. 14.	"	"	"	"
P. 16.	No. 13.	"	"	"	"
P. 15.	No. 12.	"	"	"	"
P. 14.	No. 11.	"	"	"	"
P. 13.	No. 10.	"	"	"	"
P. 12.	No. 9.	"	"	"	"
P. 11.	No. 8.	"	"	"	"
P. 10.	No. 7.	"	"	"	"
P. 9.	No. 6.	"	"	"	"
P. 8.	No. 5.	"	"	"	"
P. 7.	No. 4.	"	"	"	"
P. 6.	No. 3.	"	"	"	"
P. 5.	No. 2.	"	"	"	"
P. 4.	No. 1.	"	"	"	"

1. The prefixed numerals in Part II merely indicate the serial position of each term for cross reference purposes.

1 TERMINI GENERALES

2	Accessorius	35	Corona	68	Geniculum
3	Acinus	36	Corpus	69	Genu
4	Aditus	37	Corpusculum	70	Glandula
5	Ala	38	Crista	71	Glomerulus
6	Alveolus	39	Crus	72	Glomus
7	Ampulla	40	Decussatio	73	Hilus
8	Angulus	41	Dorsum	74	Humor
9	Ansa	42	Ductulus	75	Junctura
10	Antrum	43	Ductus	76	Impressio
11	Apertura	44	Eminentia	77	Incisura
12	Apex	45	Endothelium	78	Infundibulum
13	Appendix	46	Epithelium	79	Intestinum
14	Arcus	47	Extremitas	80	Isthmus
15	Area	48	Facies	81	Labium
16	Basis	49	Fascia	82	Lacuna
17	Brachium	50	Fasciculus	83	Lamina
18	Canaliculus	51	Fibra	84	Latus
19	Canalis	52	Fibrocartilago	85	Ligamentum
20	Capsula	53	Filum	86	Limbus
21	Caput	54	Fissura	87	Limen
22	Capitulum	55	Flexura	88	Linea
23	Cartilago	56	Folium	89	Liquor
24	Caruncula	57	Folliculus	90	Lobulus
25	Cauda	58	Foramen	91	Lobus
26	Caverna	59	Formatio	92	Macula
27	Cavum	60	Fornix	93	Margo
28	Cellula	61	Fossa	94	Massa
29	Circulus	62	Fossula	95	Meatus
30	Cisterna	63	Fovea	96	Medulla
31	Collum	64	Foveola	97	Membrana
32	Columna	65	Frenulum	98	Membrum
33	Commissura	66	Fundus	99	Mucus
34	Cornu	67	Funiculus	100	Musculus

1. TERMINAL GENERALIZED

Accessorius	2	Coron	38	Gentium	68
Acinus	3	Corpus	39	Genu	69
Aditus	4	Corpusculum	39	Glandula	70
Aia	5	Crista	39	Glomerulus	71
Alveolus	6	Cuneus	39	Glossus	72
Angulus	7	Decussatus	40	Hilus	73
Ansa	8	Dorsum	41	Humor	74
Antrum	9	Ductus	42	Imbricatus	75
Apertura	10	Ductus	43	Impressio	76
Apex	11	Emarginatus	44	Inclivus	77
Appendix	12	Endothelium	45	Induratum	78
Arctus	13	Epithelium	46	Interstitium	79
Artes	14	Extremities	47	Lacuna	80
Basia	15	Facies	48	Lacuna	81
Brachium	16	Facies	49	Lamina	82
Cannaliculus	17	Fasciculus	50	Latus	83
Cannula	18	Fibra	51	Ligamentum	84
Capitulum	19	Fibrilla	52	Ligamentum	85
Capitulum	20	Filum	53	Ligamentum	86
Caput	21	Fissura	54	Ligamentum	87
Capitulum	22	Fissura	55	Ligamentum	88
Cartilago	23	Folium	56	Ligamentum	89
Cartilago	24	Folliculus	57	Ligamentum	90
Cauda	25	Foramen	58	Ligamentum	91
Caverna	26	Foramino	59	Ligamentum	92
Cavum	27	Fovea	60	Ligamentum	93
Cellula	28	Fovea	61	Ligamentum	94
Circulus	29	Fovea	62	Ligamentum	95
Cisterna	30	Fovea	63	Ligamentum	96
Collum	31	Foveola	64	Ligamentum	97
Columna	32	Frenulum	65	Ligamentum	98
Commissura	33	Furca	66	Ligamentum	99
Coron	34	Furcula	67	Musculus	100

1 Nervus	25 Regio	49 Trochlea
2 Nodulus	26 Rete	50 Truncus
3 Nucleus	27 Rima	51 Tuber
4 Organon	28 Rundimentum	52 Tuberculum
5 Orificium	29 Septulum	53 Tubulus
6 Os [oris]	30 Septum	54 Tunica
7 Os [ossis]	31 Sinus	55 Tunica propria
8 Ostium	32 Spatium	56 Umbo
9 Papilla	33 Spina	57 Uvula
10 Parenchyma	34 Stratum	58 Vagina
11 Paries	35 Stria	59 Vallecule
12 Perichondrium	36 Stroma	60 Vallum
13 Periosteum	37 Substantia	61 Valvula
14 Plexus	38 Succus	62 Vas
15 Plica	39 Sulcus	63 Velum
16 Polus	40 Taenia	64 Vertex
17 Processus	41 Tegmen	65 Vesica
18 Prominentia	42 Tela	66 Vesicula
19 Punctum	43 Tela conjunctiva	67 Vestibulum
20 Radix	44 Tela elastica	68 Villus
21 Ramulus	45 Torus	69 Viscus [viscera]
22 Ramus	46 Trabecula	70 Vortex
23 Raphe	47 Tractus	71 Zona
24 Recessus	48 Trigonum	

1	Notus	25	Regio	49	Trochilus
2	Notula	26	Rete	50	Truncus
3	Notus	27	Rina	51	Tuber
4	Orphan	28	Rundamentum	52	Tuberculum
5	Orificium	29	Septulum	53	Tubulus
6	Os (oris)	30	Septum	54	Tunica
7	Os (osale)	31	Sinus	55	Tunica propria
8	Ostium	32	Spatium	56	Tubo
9	Papilla	33	Spiras	57	Uvula
10	Parachasma	34	Spiratum	58	Vagina
11	Paras	35	Spiris	59	Vagina
12	Perichondrium	36	Syrinx	60	Vagina
13	Perichondrium	37	Substantia	61	Vagina
14	Plexus	38	Succus	62	Vas
15	Plica	39	Sulcus	63	Vas
16	Polia	40	Tunica	64	Vortex
17	Processus	41	Togon	65	Vortex
18	Promontoria	42	Tota	66	Vortex
19	Pratum	43	Tota (con)junctiva	67	Vestibulum
20	Radix	44	Tota elastica	68	Villus
21	Ramus	45	Torus	69	Viscus (viscera)
22	Ramus	46	Trabecula	70	Vortex
23	Rapha	47	Tractus	71	Zona
24	Retinens	48	Trigonum		

1 PARTES CORPORIS HUMANI

2 Caput
3 Collum

4 Truncus
5 Extremitates

6 CAPUT
7 Cranium

8 Vertex
9 Sinciput
10 Frons
11 Occiput

12 Tempora
13 Auris
14 Auricula

15 Facies

16 Oculi
17 Palpebra superior
18 Palpebra inferior
19 Rima palpebrarum
20 Bulbus oculi
21 Supercilium
22 Sulcus infrapalpebralis
23 Nasus
24 Dorsum nasi
25 Apex nasi
26 Ala nasi

27 Os
28 Sulcus nasolabialis
29 Philtrum
30 Labium superius
31 Labium inferius
32 Rima oris
33 Cavum oris
34 Lingua
35 Fauces
36 Bucca Mala
37 Sulcus mentolabialis
38 Mentum

39 COLLUM

40 Cervix
41 Larynx
42 Prominentia laryngea

43 Pharynx
44 Trachea
45 Oesophagus

46 TRUNCUS

47 Thorax
48 Cavum thoracis
49 Pectus
50 Mamma
51 Papilla mammae

52 Dorsum
53 Columna vertebralis
54 Canalis spinalis

55 Abdomen

56 Cavum abdominis
57 Scrobiculus cordis
58 Umbilicus

59 Latus
60 Lumbus
61 Inguen

1. FAKTES KORPERIS HUMANI

4. Truncus
5. Extremitates

3. Caput
6. Collum

6. Caput
V. Cervicis

12. Thorax
13. Venter
14. Artus

8. Venter
9. Sinus
10. Truncus
11. Occiput

12. Truncus

27. Oesophagus
28. Glandulae mammae
29. Pharynx
30. Larynx superior
31. Larynx inferior
32. Rima oris
33. Cavum oris
34. Lingua
35. Palatum
36. Bucca
37. Glandulae sublinguales
38. Dentures

15. Oesophagus
16. Papillae superior
17. Papillae inferior
18. Rima pharyngis
19. Bulbus oculi
20. Supercilium
21. Glandulae infraorbitalis
22. Nasus
23. Nasus
24. Glandulae nasales
25. Apex nasi
26. Ala nasi

39. Collum

43. Pharynx
44. Trachea
45. Oesophagus

40. Cervix
41. Larynx
42. Prominentia laryngea

46. Truncus

52. Thorax
53. Columna vertebralis
54. Costae

47. Thorax
48. Cavum thoracis
49. Foramen
50. Mamma
51. Papilla mammae

55. Abdomen

59. Intestina
60. Hepas
61. Pancreas

56. Cavum abdominalis
57. Scrobiculus cordis
58. Umbilicus

1 Pelvis

- 2 Cavum pelvis
- 3 Mons pubis
- 4 Coxa
- 5 Nates [Clunes]

- 6 Anus
- 7 Crena ani
- 8 Perineum

9 EXTREMITAS SUPERIOR

- 10 Axilla
 - 11 Plica axillaris anterior
 - 12 Plica axillaris posterior
- 13 Acromion
- 14 Brachium
 - 15 Facies anterior
 - 16 Facies posterior
 - 17 Facies lateralis
 - 18 Facies medialis
- 19 Sulcus bicipitalis lateralis
- 20 Sulcus bicipitalis medialis
- 21 Cubitus
- 22 Antibrachium
 - 23 Facies dorsalis
 - 24 Facies volaris
 - 25 Margo radialis
 - 26 Margo ulnaris

27 Manus

- 28 Carpus
- 29 Metacarpus
- 30 Dorsum manus
- 31 Vola manus Palma
- 32 Thenar
- 33 Hypothenar
- 34 Digiti manus
- 35 Pollex [Digitus I]
- 36 Index [" II]
- 37 Digitus medius [Digitus III]
- 38 Digitus annularis [" IV]
- 39 Digitus minimus [" V]
- 40 Facies dorsales
- 41 Facies volares
- 42 Margines radiales
- 43 Margines ulnares

44 EXTREMITAS INFERIOR

- 45 Femur
 - 46 Facies anterior
 - 47 Facies posterior
 - 48 Facies lateralis
 - 49 Facies medialis
- 50 Sulcus glutaeus
- 51 Genu
 - 52 Poples
 - 53 Patella
- 54 Crus
 - 55 Facies anterior
 - 56 Facies posterior
 - 57 Sura
 - 58 Malleolus lateralis
 - 59 Malleolus medialis
- 60 Pes

- 61 Tarsus
- 62 Metatarsus
- 63 Dorsum pedis
- 64 Planta
- 65 Margo pedis lateralis
- 66 Margo pedis medialis
- 67 Calx
- 68 Digiti pedis
- 69 Hallux [Digitus I]
- 70 Digiti II-IV
- 71 Digitus minimus [Digitus V]
- 72 Facies dorsales
- 73 Facies plantares
- 74 Margines laterales
- 75 Margines mediales

1. Extremities

8 Anus
7 Groin and
6 Perineum

Genital
Mons pubis
Coxa
Nates [Gluteus]

2. EXTREMITAS SUPERIOR

27 Manus

28 Carpus
29 Metacarpus
30 Dorsum manus
31 Vola manus
32 Thumer
33 Hypochonr
34 Dactyl manus
35 Pollex [Digitus I]
36 Index [II]
37 Digiti medii
38 Digiti annulatus
39 Digiti minimi
40 Facies dorsalis
41 Facies volares
42 Margines radiales
43 Margines ulnares

27 Manus
28 Carpus
29 Plicae axillaris anterior
30 Plicae axillaris posterior
31 Brachium
32 Facies anterior
33 Facies posterior
34 Facies lateralis
35 Facies medialis
36 Sulcus bicipitalis lateralis
37 Sulcus bicipitalis medialis
38 Gubitus
39 Antibrachium
40 Facies dorsalis
41 Facies volares
42 Margo radialis
43 Margo ulnaris

4. EXTREMITAS INFERIOR

61 Tarsus
62 Metatarsus

63 Dorsum pedis
64 Plantae
65 Margo pedis lateralis
66 Margo pedis medialis
67 Calc
68 Digiti pedis
69 Hallux [Digitus I]
70 Digiti II-IV
71 Digiti minimi [Digitus V]
72 Facies dorsales
73 Facies plantares
74 Margines laterales
75 Margines mediales

61 Tarsus
62 Facies anterior
63 Facies posterior
64 Facies lateralis
65 Facies medialis
66 Sulcus cuneatus
67 Genu
68 Poplite
69 Patella
70 Crura
71 Facies anterior
72 Facies posterior
73 Surae
74 Malloleus lateralis
75 Malloleus medialis

76 Pes

1 OSTEOLOGIA

2 Os longum	8 Synchondrosis epiphyseos ^x	14 Cavum medullare
3 Os breve	9 Apophysis	15 Medulla ossium
4 Os planum	10 Facies articularis	16 Medulla ossium flava
5 Os pneumaticum	11 Substantia compacta	17 Medulla ossium rubra
6 Epiphysis	12 Substantia corticalis	18 Foramen nutricium
7 Diaphysis	13 Sybstantia spongiosa	19 Canalis nutricius

21 COLUMNAE VERTEBRALIS

21 Vertebrae cervicales	42 Tuberculum caroticum [vertebrae cervicalis VI]
22 Vertebrae thoracales	43 Foramen transversarium
23 Vertebrae lumbales	44 Tuberculum posterius [vertebrarum cervicalium]
24 Vertebrae sacrales	45 Processus articulares superiores
25 Vertebrae coccygeae	46 Facies articulares superiores
26 Corpus vertebrae	47 Processus articulares inferiores
27 Fovea costalis superior	48 Facies articulares inferiores
28 Fovea costalis inferior	49 Processus costarius
29 Canalis vertebralis	50 Processus accessorius [vertebrarum lumbalium]
30 Foramen vertebrale	51 Processus mammillaris
31 Arcus vertebrae	
32 Radix arcus vertebrae	
33 Incisura vertebralis superior	
34 Incisura vertebralis inferior	
35 Foramen intervertebrale	
36 Sulcus n. spinalis	52 <u>Atlas</u>
37 Processus spinosus	53 Massa lateralis
38 Vertebra prominens	54 Arcus anterior
39 Processus transversus	55 Tuberculum anterius
40 Fovea costalis transversalis	56 Foveae articulares superiores
41 Tuberculum anterius [vertebrarum cervicalium]	57 Facies articulares inferiores
	58 Fovea dentis
	59 Fovea posterior
	60 Sulcus arteriae vertebralis
	61 Tuberculum posterius

INDEX

1	Spina dorsalis superior	1	Spina dorsalis superior	1	Spina dorsalis superior
2	Spina dorsalis inferior	2	Spina dorsalis inferior	2	Spina dorsalis inferior
3	Spina dorsalis mediana	3	Spina dorsalis mediana	3	Spina dorsalis mediana
4	Spina dorsalis lateralis	4	Spina dorsalis lateralis	4	Spina dorsalis lateralis
5	Spina dorsalis anterior	5	Spina dorsalis anterior	5	Spina dorsalis anterior
6	Spina dorsalis posterior	6	Spina dorsalis posterior	6	Spina dorsalis posterior
7	Spina dorsalis medialis	7	Spina dorsalis medialis	7	Spina dorsalis medialis
8	Spina dorsalis lateralis	8	Spina dorsalis lateralis	8	Spina dorsalis lateralis
9	Spina dorsalis anterior	9	Spina dorsalis anterior	9	Spina dorsalis anterior
10	Spina dorsalis posterior	10	Spina dorsalis posterior	10	Spina dorsalis posterior

INDEX

1	Spina dorsalis superior	1	Spina dorsalis superior	1	Spina dorsalis superior
2	Spina dorsalis inferior	2	Spina dorsalis inferior	2	Spina dorsalis inferior
3	Spina dorsalis mediana	3	Spina dorsalis mediana	3	Spina dorsalis mediana
4	Spina dorsalis lateralis	4	Spina dorsalis lateralis	4	Spina dorsalis lateralis
5	Spina dorsalis anterior	5	Spina dorsalis anterior	5	Spina dorsalis anterior
6	Spina dorsalis posterior	6	Spina dorsalis posterior	6	Spina dorsalis posterior
7	Spina dorsalis medialis	7	Spina dorsalis medialis	7	Spina dorsalis medialis
8	Spina dorsalis lateralis	8	Spina dorsalis lateralis	8	Spina dorsalis lateralis
9	Spina dorsalis anterior	9	Spina dorsalis anterior	9	Spina dorsalis anterior
10	Spina dorsalis posterior	10	Spina dorsalis posterior	10	Spina dorsalis posterior

1 Epistropheus

- 2 Dens
- 3 Facies articularis anterior
- 4 Facies articularis posterior
- 5 Os sacrum
6. Facies dorsalis
- 7 Facies pelvina
- 8 Basis oss. sacri
- 9 Processus articularis superior
- 10 Promontorium
- 11 Pars lateralis
- 12 Facies auricularis
- 13 Tuberositas sacralis
- 14 Foramina intervertebralia
- 15 Foramina sacralia anteriora
- 16 Lineae transversae
- 17 Foramina sacralia posteriora
- 18 Crista sacralis media
- 19 Cristae sacrales laterales
- 20 Cristae sacrales articulares
- 21 Cornua sacralia
- 22 Canalis sacralis
- 23 Hiatus sacralis
- 24 Apex oss. sacri
- 25 Os coccygis
- 26 Cornua coccygea
- 27 THORAX
- 28 Costae
- 29 Costae verae
- 30 Costae spuriae
- 31 Os costale
- 32 Cartilago costalis
- 33 Capitulum costae
- 34 Facies articularis capituli costae
- 35 Crista capituli
- 36 Corpus costae
- 37 Tuberculum costae
- 38 Facies articularis tuberculi costae

- 39 Collum costae
- 40 Crista colli costae
- 41 Angulus costae
- 42 Tuberculum scaleni [Lisfranci]
- 43 Sulcus subclaviae
- 44 Tuberositas costae II
- 45 Sulcus costae

46 Sternum

- 47 Manubrium sterni
- 48 Angulus sterni
- 49 Synchondrosis sternalis
- 50 Corpus sterni
- 51 Planum sternale
- 52 Processus xiphoideus
- 53 Incisura clavicularis
- 54 Incisura jugularis
- 55 Incisurae costales
- 56 (Ossa suprasternalis)

57 T h o r a x

- 58 Cavum thoracis
- 59 Apertura thoracis superior
- 60 Apertura thoracis inferior
- 61 Arcus costarum
- 62 Spatia intercostalia
- 63 Angulus infrasternalis
- 64 Sulcus pulmonalis

65 OSSA CRANII

66 Os Basilare67 Os occipitale

- 68 Foramen occipitale magnum
- 69 Pars basilaris
- 70 Sulcus petrosus inferior
- 71 Pars lateralis
- 72 Squama occipitalis
- 73 Margo mastoideus
- 74 Margo lambdoideus
- 75 (Os interparietale)

- | | |
|--------------------------------------|----------------------------------|
| 1 Clivus | 43 Foramen opticum |
| 2 Tuberculum pharyngeum | 44 Processus clinoideus anterior |
| 3 Condylus occipitalis | 45 Fissura orbitalis superior |
| 4 Canalis condyloideus | 46 A l a m a g n a |
| 5 Canalis hypoglossi | 47 Facies cerebralis |
| 6 Tuberculum jugulare | 48 Facies temporalis |
| 7 Incisura jugularis | 49 Facies sphenomaxillaris |
| 8 Processus jugularis | 50 Facies orbitalis |
| 9 Fossa condyloidea | 51 Margo zygomaticus |
| 10 Processus intrajugularis | 52 Margo frontalis |
| 11 Planum occipitale | 53 Angulus parietalis |
| 12 Planum nuchale | 54 Margo squamosus |
| 13 Protuberantia occipitalis externa | 55 Crista infratemporalis |
| 14 (Torus occipitalis) | 56 Foramen rotundum |
| 15 Crista occipitalis externa | 57 Foramen ovale |
| 16 Linea nuchae suprema | 58 Foramen spinosum |
| 17 Linea nuchae superior | 59 Spina angularis |
| 18 Linea nuchae inferior | 60 P r o c e s s u s |
| 19 Eminentia cruciata | p t e r y g o i d e u s |
| 20 Protuberantia occipitalis interna | 61 Lamina lateralis processus |
| 21 Sulcus sagittalis | pterygoidei |
| 22 Sulcus transversus | 62 Lamina medialis processus |
| 23 (Processus paramastoideus) | pterygoidei |
| 24 <u>Os sphenoidale</u> | 63 Fissura pterygoidea |
| 25 C o r r p u s | 64 Fossa scaphoidea |
| 26 Sella turcica | 65 Processus vaginalis |
| 27 Fossa hypophyseos | 66 Hamulus pterygoideus |
| 28 Dorsum sellae | 67 Sulcus hamuli pterygoidei |
| 29 Tuberculum sellae | 68 Fossa pterygoidea |
| 30 Processus clinoideus medius | 69 Canalis pterygoideus [Vidii] |
| 31 Processus clinoideus posterior | 70 Canalis pharyngeus |
| 32 Sulcus caroticus | 71 Canalis basipharyngeus |
| 33 Lingula sphenoidalis | 72 Sulcus tubae auditivae |
| 34 Crista sphenoidalis | 73 Sulcus pterygopalatinus |
| 35 Rostrum sphenoidale | 74 (Processus pterygospinosus |
| 36 Sinus sphenoidalis | [Civinini]) |
| 37 Septum sinuum sphenoidalium | 75 <u>Os Temporale</u> |
| 38 Apertura sinus sphenoidalis | 76 P a r s m a s t o i d e a |
| 39 Conchae sphenoidales | 77 Margo occipitalis |
| 40 Clivus | 78 Processus mastoideus |
| 41 A l a p a r v a | 79 Incisura mastoidea |
| 42 Sulcus chiasmatis | 80 Sulcus sigmoideus |

- | | |
|--|---------------------------------------|
| 1 Sulcus a. occipitalis | 41 Canalis caroticus |
| 2 Foramen mastoideum | 42 Canaliculi caroticotympanici |
| 3 P a r s p e t r o s a [Pyramis] | 43 Canalis musculotubarius |
| 4 Facies anterior pyramidis | 44 Semicanalis m. tensoris tympani |
| 5 Facies posterior pyramidis | 45 Semicanalis tubae auditivae |
| 6 Facies inferior pyramidis | 46 Septum canalis musculotubarii |
| 7 Apex pyramidis | 47 Cavum tympani (v. Organon auditus) |
| 8 Angulus superior pyramidis | 48 Canaliculus chordae tympani |
| 9 Angulus anterior pyramidis | 49 Fissura petrotympanica (Glaseri) |
| 10 Angulus posterior pyramidis | 50 Fissura petrosquamosa |
| 11 Sulcus petrosus superior | 51 P a r s t y m p a n i c a |
| 12 Tegmen tympani | 52 Annulus tympanicus ^x |
| 13 Eminentia arcuata | 53 Meatus acusticus externus |
| 14 Canalis facialis Fallopianii | 54 (Spina supra meatum) |
| 15 Hiatus canalis facialis | 55 Fissura tympanomastoidea |
| 16 Geniculum canalis facialis | 56 Spina tympanica major |
| 17 Sulcus n. petrosi superficialis majoris | 57 Spina tympanica minor |
| 18 Sulcus n. petrosi superficialis minoris | 58 Porus acusticus externus |
| 19 Impressio trigemini | 59 S q u a m a t e m p o r a l i s |
| 20 Porus acusticus internus | 60 Margo parietalis |
| 21 Meatus acusticus internus | 61 Incisura parietalis |
| 22 Fossa subarcuata | 62 Margo sphenoidalis |
| 23 Aquaeductus vestibuli | 63 Facies temporalis |
| 24 Apertura externa aquaeductus vestibuli | 64 Processus zygomaticus |
| 25 Sulcus petrosus inferior | 65 Fossa mandibularis |
| 26 Incisura jugularis | 66 Facies articularis |
| 27 Processus intrajugularis | 67 Tuberculum articulare |
| 28 Fossa jugularis | 68 Facies cerebralis |
| 29 Canaliculus mastoideus | 69 Sulcus a. temporalis mediae |
| 30 Sulcus canaliculi mastoidei | |
| 31 Processus styloideus | 70 <u>Os parietale</u> |
| 32 Vagina processus styloidei | 71 Facies cerebralis |
| 33 Foramen stylomastoideum | 72 Facies parietalis |
| 34 Fossula petrosa | 73 Margo occipitalis |
| 35 Canaliculus tympanicus | 74 Margo squamosus |
| 36 Sulcus tympanicus | 75 Margo frontalis |
| 37 Apertura inferior canaliculi tympanici | 76 Margo sagittalis |
| 38 Apertura superior canaliculi tympanici | 77 Angulus frontalis |
| 39 Canaliculus cochleae | 78 Angulus occipitalis |
| 40 Apertura externa canaliculi cochleae | 79 Angulus sphenoidalis |
| | 80 Angulus mastoideus |
| | 81 Foramen parietale |

41	Canalis caroticus
42	Canaliculus caroticothyroideus
43	Canalis musculotubarius
44	Canaliculus m. tensoris tympani
45	Canaliculus tubae auditivae
46	Septum canalis musculotubarii
47	Cavum tympani (v. Organon auditivum)
48	Canaliculus chorae tympani
49	Fissura petrotympanalis (Glaseri)
50	Fissura petromastoidalis
51	Pars tympanica
52	Annulus tympanicus
53	Musculus acusticus externus
54	(Spiral cupula mastoidei)
55	Fissura tympanomastoidea
56	Spiral cupula major
57	Spiral cupula minor
58	Forus nervus externus
59	Forus m. tensoris
60	Forus parietalis
61	Indurans parietalis
62	Indurans sphenoidalis
63	Indurans temporalis
64	Processus tympanicus
65	Processus mastoideus
66	Processus styloideus
67	Tuberculum articulare
68	Forus cerebri
69	Sulcus a. tensoris medialis
70	<u>Os petrosum</u>
71	Facies cerebri
72	Facies parietalis
73	Facies occipitalis
74	Facies externa
75	Facies interna
76	Facies medialis
77	Angulus frontalis
78	Angulus occipitalis
79	Angulus sphenoidalis
80	Angulus mastoideus
81	Foramen petrosum

1	Sulcus a. occipitalis
2	Foramen mastoideum
3	Pars petrosa (pyramis)
4	Facies anterior pyramidis
5	Facies posterior pyramidis
6	Facies inferior pyramidis
7	Apex pyramidis
8	Angulus superior pyramidis
9	Angulus anterior pyramidis
10	Angulus posterior pyramidis
11	Sulcus petrosus superior
12	Tympanum
13	Eminentia epiglottica
14	Canalis facialis (Fallopian)
15	Hiatus canalis facialis
16	Canaliculus canalis facialis
17	Sulcus n. petrosus superficialis majoris
18	Sulcus n. petrosus superficialis minoris
19	Impressio trigemini
20	Forus somaticus internus
21	Musculus somaticus internus
22	Fossa subarcuata
23	Apophysis vestibuli
24	Apertura externa apophysis vestibuli
25	Sulcus petrosus inferior
26	Indurans jugularis
27	Processus infrajugularis
28	Fossa jugularis
29	Canaliculus mastoideus
30	Sulcus canaliculi mastoidei
31	Processus styloideus
32	Vagina processus styloidei
33	Foramen styloideum
34	Fossa petrosa
35	Omnifacialis tympanicus
36	Sulcus tympanicus
37	Apertura inferior canaliculi tympanici
38	Apertura superior canaliculi tympanici
39	Canaliculus cochlearis
40	Apertura externa canaliculi cochlearis

- 1 Tuber parietale
- 2 Linea temporalis inferior
- 3 Linea temporalis superior
- 4 Sulcus sagittalis
- 5 Sulcus transversus

6 Os frontale

- 7 Squama frontalis
- 8 Facies frontalis
- 9 Margo supraorbitalis
- 10 Pars orbitalis
- 11 Incisura ethmoidalis
- 12 Pars nasalis
- 13 Spina frontalis
- 14 Margo nasalis
- 15 Margo parietalis
- 16 Processus zygomaticus
- 17 Facies temporalis
- 18 Linea temporalis
- 19 Tuber frontale
- 20 Arcus superciliaris
- 21 Glabella
- 22 Foramen sive Incisura supraorbitalis
- 23 Incisura sive Foramen frontale
- 24 Facies orbitalis
- 25 (Spina trochlearis)
- 26 Fovea trochlearis
- 27 Foramen ethmoidale anterius
- 28 Foramen ethmoidale posterius
- 29 Fossa glandulae lacrimalis
- 30 Facies cerebralis
- 31 Crista frontalis
- 32 Sulcus sagittalis
- 33 Foramen caecum
- 34 Sinus frontalis
- 35 Septum sinuum frontaliū

36 Os ethmoidale

- 37 Lamina cribrosa
- 38 Crista galli
- 39 Processus alaris
- 40 Lamina perpendicularis

- 41 Labyrinthus ethmoidalis
- 42 Cellulae ethmoidales
- 43 Infundibulum ethmoidale
 - 44 Hiatus semilunaris
- 45 Bulla ethmoidalis
- 46 Lamina papyracea
- 47 Foramina ethmoidalia
- 48 (Concha nasalis suprema)
- 49 Concha nasalis superior
- 50 Concha nasalis media
- 51 Processus uncinatus

52 Concha nasalis inferior

- 53 Processus lacrimalis
- 54 Processus maxillaris
- 55 Processus ethmoidalis

56 Os lacrimale

- 57 Crista lacrimalis posterior
- 58 Sulcus lacrimalis
- 59 Hamulus lacrimalis
- 60 Fossa sacci lacrimalis

61 Os Nasale

- 62 Foramina nasalia
- 63 Sulcus ethmoidalis

64 Vomer

- 65 Ala vomeris

66 OSSA FACIEI

67 Maxilla

- 68 Corpus maxillae
- 69 Facies anterior
- 70 Facies nasalis
- 71 Facies orbitalis
- 72 Facies infratemporalis
- 73 Sinus maxillaris
- 74 Margo infraorbitalis
- 75 Canalis infraorbitalis
- 76 Sulcus infraorbitalis
- 77 Foramen infraorbitale
- 78 Sutura infraorbitalis
- 79 Fossa canina

41	Labyrinthine ethmoidalis
42	Cellulae ethmoidales
43	Infundibulum ethmoidale
44	Habenulae sphenoidales
45	Bulla ethmoidalis
46	Lamina pterygea
47	Foramina ethmoidalia
48	(Concha nasalis superior)
49	Concha nasalis superior
50	Concha nasalis media
51	Processus maxillares
52	Concha nasalis inferior
53	Processus maxillares
54	Processus maxillares
55	Processus ethmoidalis
56	Os lacrimale
57	Crista lacrimalis posterior
58	Bulbus lacrimalis
59	Humbula lacrimalis
60	Processus maxillares
61	Os lacrimale
62	Foramen nasale
63	Bulbus ethmoidalis
64	Vomer
65	Ala vomeris
66	Os organum faciale
67	Maxilla
68	Corpus maxillae
69	Facies anterior
70	Facies nasalis
71	Foramen orbitale
72	Facies inframaxillaris
73	Grimus maxillaris
74	Maxilla inframaxillaris
75	Concha nasalis inferior
76	Bulbus inframaxillaris
77	Foramen inframaxillare
78	Grimus inframaxillaris
79	Processus maxillares

1	Tuber parietale
2	Linea temporalis inferior
3	Linea temporalis superior
4	Bulbus parietalis
5	Bulbus transversus
6	Os frontale
7	Sutura frontalis
8	Facies frontalis
9	Margo superorbitalis
10	Foramen orbitale
11	Incisura ethmoidalis
12	Foramen nasale
13	Sutura frontalis
14	Margo nasalis
15	Margo parietalis
16	Processus zygomaticus
17	Facies temporalis
18	Linea temporalis
19	Tuber frontale
20	Arvus superciliaris
21	Glabella
22	Foramen sive incisura superorbitalis
23	Incisura sive Foramen frontale
24	Facies orbitalis
25	(Sutura trochlearis)
26	Fovea trochlearis
27	Foramen ethmoidale anterius
28	Foramen ethmoidale posterius
29	Fovea glandulae lacrimalis
30	Facies cerebri
31	Crista frontalis
32	Glabella sagittalis
33	Foramen nasale
34	Grimus frontalis
35	Septum sinuum frontalem
36	Os ethmoidale
37	Lamina cribrosa
38	Crista galli
39	Processus alaris
40	Lamina perpendicularis

- 1 (Fossa praenasalis)
- 2 Incisura nasalis
- 3 Tuber maxillare
- 4 Foramina alveolaria
- 5 Canales alveolares
- 6 Planum orbitale
- 7 Margo lacrimalis
- 8 Sulcus lacrimalis
- 9 Canalis nasolacrimalis
- 10 Crista conchalis
- 11 Processus frontalis
- 12 Crista lacrimalis anterior
- 13 Incisura lacrimalis
- 14 Crista ethmoidalis
- 15 Processus zygomaticus
- 16 Processus palatinus
- 17 Crista nasalis
- 18 Spina nasalis anterior
- 19 Os incisivum^x
- 20 Canalis incisivus
- 21 Sutura incisiva
- 22 Spinae palatinae
- 23 Sulci palatini
- 24 Processus alveolaris
- 25 Limbus alveolaris
- 26 Alveoli dentales
- 27 Septa interalveolaria
- 28 Juga alveolaria
- 29 Hiatus maxillaris
- 30 Foramen incisivum

31 Os palatinum

- 32 Pars perpendicularis
- 33 Facies nasalis
- 34 Facies maxillaris
- 35 Incisura sphenopalatina
- 36 Sulcus pterygopalatinus
- 37 Processus pyramidalis
- 38 Foramen palatinum majus
- 39 Foramina palatina minora
- 40 Canales palatini
- 41 Crista conchalis
- 42 Crista ethmoidalis

- 43 Processus orbitalis
- 44 Processus sphenoidalis
- 45 Pars horizontalis
- 46 Facies nasalis
- 47 Facies palatina
- 48 Spina nasalis posterior
- 49 Crista nasalis

50 Os zygomaticum

- 51 Facies malaris
- 52 Facies temporalis
- 53 Facies orbitalis
- 54 Processus temporalis
- 55 Processus frontosphenoidalis
- 56 (Processus marginalis)
- 57 Foramen zygomaticoorbitale
- 58 Foramen zygomaticofaciale
- 59 Foramen zygomaticotemporale

60 Mandibula

- 61 Corpus mandibulae
- 62 Basis mandibulae
- 63 Protuberantia mentalis
- 64 Tuberculum mentale
- 65 Spina mentalis
- 66 Foramen mentale
- 67 Linea obliqua
- 68 Fossa digastrica
- 69 Linea mylohyoidea
- 70 Sulcus mylohyoideus
- 71 Juga alveolaria
- 72 Ramus mandibulae
- 73 Angulus mandibulae
- 74 (Tuberositas masseterica)
- 75 (Tuberositas pterygoidea)
- 76 (Crista buccinatoria)
- 77 Incisura mandibulae
- 78 Processus condyloideus
- 79 Caputulum proc. condyl.
mandibulae
- 80 Collum proc. condyloidei
mandibulae
- 81 Fovea pterygoidea proc.
condyloidei
- 82 Processus coronoideus

- 1 Foramen mandibulare
- 2 Lingula mandibulae
- 3 Canalis mandibulae
- 4 Fovea sublingualis
- 5 (Fovea submaxillaris)
- 6 Pars alveolaris
- 7 Limbus alveolaris
- 8 Alveoli dentales
- 9 Septa interalveolaria

10 Os hyoideum

- 111 Corpus oss. hyoidei
- 12 Cornu minus
- 13 Cornu majus

14 CRANIUM

- 15 Calvaria
- 16 Pericranium
- 17 Lamina externa
- 18 Diploë
- 19 Canales diploici [Brescheti]
- 20 Lamina interna
- 21 Facies [ossea]
- 22 Cranium cerebrale
- 23 Cranium viscerale
- 24 Vertex
- 25 Frons
- 26 Occiput
- 27 Basis cranii interna
- 28 Basis cranii externa
- 29 Fossa cranii anterior
- 30 Fossa cranii media
- 31 Fossa cranii posterior
- 32 Juxta cerebralia
- 33 Impressiones digitatae
- 34 Sulci venosi
- 35 Sulci arteriosi
- 36 (Foveolae granulares [Pacchioni])
- 37 (Ossa suturarum)
- 38 Planum temporale
- 39 Fossa temporalis
- 40 Arcus zygomaticus
- 41 Fossa infratemporalis

- 42 Fossa pterygopalatina
- 43 Canalis pterygopalatinus
- 44 Foramen sphenopalatinum
- 45 Apertura piriformis
- 46 Cavum nasi
- 47 Septum nasi osseum
- 48 Meatus nasi communis
- 49 Meatus nasi superior
- 50 Meatus nasi medius
- 51 Meatus nasi inferior
- 52 Meatus nasopharyngeus
- 53 Choanae
- 54 Recessus sphenothmoidalis
- 55 Foramen jugulare
- 56 Fissura sphenopetrosa
- 57 Fissura petrooccipitalis
- 58 Fissura sphenoccipitalis
- 59 Foramen lacerum
- 60 Fibrocartilago basalis
- 61 Palatum durum
- 62 (Torus palatinus)
- 63 Orbita
- 64 Aditus orbitae
- 65 Margo supraorbitalis
- 66 Margo infraorbitalis
- 67 Paries superior
- 68 Paries inferior
- 69 Paries lateralis
- 70 Paries medialis
- 71 Fissura orbitalis superior
- 72 Fissura orbitalis inferior

73 Suturae cranii

- 74 Sutura coronalis
- 75 Sutura sagittalis
- 76 Sutura lambdoidea
- 77 Sutura occipitomastoidea
- 78 Sutura sphenofrontalis
- 79 Sutura sphenoorbitalis
- 80 Sutura sphenothmoidalis
- 81 Sutura sphenosquamosa
- 82 Sutura sphenoparietalis

42	Fossa pterygopterygoidalis
43	Canalis pterygopterygoidalis
44	Foramen sphenoplatum
45	Foramen pterygoidale
46	Canalis nasi
47	Sphenus nasi osseus
48	Mastus nasi communis
49	Mastus nasi superior
50	Mastus nasi medius
51	Mastus nasi inferior
52	Mastus nasopharyngeus
53	Choanae
54	Processus sphenosphenoidalis
55	Foramen iugale
56	Fissura sphenopetrosa
57	Fissura petrosigigalis
58	Fissura sphenosphenoidalis
59	Foramen iacutum
60	Pteroparietale basale
61	Palatum durum
62	(Torus palatinus)
63	Orbita
64	Aditus orbitae
65	Margo superior orbitalis
66	Margo inferior orbitalis
67	Foramen superius
68	Foramen inferius
69	Foramen laterale
70	Foramen mediale
71	Fissura orbitalis superior
72	Fissura orbitalis inferior
73	<u>Sutura cranii</u>
74	Sutura coronalis
75	Sutura lambdoidalis
76	Sutura lambdoidalis
77	Sutura occipitotemporalis
78	Sutura sphenotemporalis
79	Sutura sphenosphenoidalis
80	Sutura sphenosphenoidalis
81	Sutura sphenosphenoidalis
82	Sutura sphenosphenoidalis
83	Sutura sphenosphenoidalis

1	Foramen mandibulare
2	Linqua mandibularis
3	Canalis mandibularis
4	Fovea sublingualis
5	(Fovea submaxillaris)
6	Fovea alveolaris
7	Limbus alveolaris
8	Alveoli dentales
9	Gutta lateroalveolaris

10	<u>Os hyoideum</u>
11	Corpus oss. hyoidae
12	Cornu minus
13	Cornu majus

14 CRANIUM

15	Calvaria
16	Vertex
17	Lamina externa
18	Diploë
19	Canalis diploë [Parschke]
20	Lamina interna
21	Foramen [Parschke]
22	Granum cerebrale
23	Granum vasculare
24	Vertex
25	Trons
26	Occhiput
27	Basis cranii interna
28	Basis cranii externa
29	Fossa cranii anterior
30	Fossa cranii media
31	Fossa cranii posterior
32	Foramen cerebrale
33	Impressio digastrica
34	Gulci venosi
35	Gulci arteriales
36	(Foveolae granulares [Parschke])
37	(Ostea sphenotemporalis)
38	Pianum temporale
39	Fossa temporalis
40	Arcois zygomaticus
41	Fossa infratemporalis

- | | |
|--|------------------------------------|
| 1 Sutura squamosa | 40 Fossa subscapularis |
| 2 (Sutura frontalis) | 41 Facies dorsalis |
| 3 Sutura parietomastoidea | 42 Spina scapulae |
| 4 (Sutura squamosomastoidea) | 43 Fossa supraspinata |
| 5 Sutura nasofrontalis | 44 Fossa infraspinata |
| 6 Sutura frontoethmoidalis | 45 Acromion |
| 7 Sutura frontomaxillaris | 46 Facies articularis acromii |
| 8 Sutura frontolacrimalis | 47 Margo vertebralis |
| 9 Sutura zygomaticofrontalis | 48 Margo axillaris |
| 10 Sutura zygomaticomaxillaris | 49 Margo superior |
| 11 Sutura ethmoidomaxillaris | 50 Angulus inferior |
| 12 Sutura sphenozygomatica | 51 Angulus lateralis |
| 13 (Sutura sphenomaxillaris) | 52 Angulus medialis |
| 14 Sutura zygomaticotemporalis | 53 Cavitas glenoidalis |
| 15 Sutura internasalis | 54 Collum scapulae |
| 16 Sutura nasomaxillaris | 55 Tuberositas infraglenoidalis |
| 17 Sutura lacrimomaxillaris | 56 Tuberositas supraglenoidalis |
| 18 Sutura lacrimoconchalis | 57 Incisura scapulae |
| 19 Sutura intermaxillaris | 58 Processus coracoideus |
| 20 Sutura palatomaxillaris | |
| 21 Sutura palatoethmoidalis | 59 <u>Clavicula</u> |
| 22 Sutura palatina mediana | 60 Extremitas sternalis |
| 23 Sutura palatina transversa | 61 Facies articularis sternalis |
| | 62 Tuberositas costalis |
| 24 <u>Synchondroses cranii</u> | 63 Extremitas acromialis |
| 25 Synchondrosis sphenooccipitalis | 64 Facies articularis acromialis |
| 26 Synchondrosis sphenopetrosa | 65 Tuberositas coracoidea |
| 27 Synchondrosis sphenopetrosa | 66 S k e l e t o n e x t r e m i . |
| 28 Synchondrosis intraoccipitalis posterior ^x | t a t i s p e r i o r i s |
| 29 Synchondrosis intraoccipitalis anterior ^x | l i b e r a e |
| 30 Synchondrosis intersphenoidalis ^x | 68 Caput humeri |
| 31 Fonticulus frontalis major ^x | 69 Collum anatomicum |
| 32 Fonticulus occipitalis minor ^x | 70 Collum chirurgicum |
| 33 Fonticulus mastoideus ^x | 71 Tuberculum majus |
| 34 Fonticulus sphenoidalis ^x | 72 Tuberculum minus |
| | 73 Sulcus intertubercularis |
| 35 OSSA EXTREMITATIS SUPERIORIS | 74 Crista tuberculi majoris |
| 36 C i n g u l u m e x t r e m i t a t i s | 75 Crista tuberculi minoris |
| s u p e r i o r i s | 76 Corpus humeri |
| | |
| 37 <u>Scapula</u> | |
| 38 Facies costalis | |
| 39 Lineae musculares | |

40	Facies subnasalis
41	Facies dorsalis
42	Spina scapulae
43	Facies suprascapularis
44	Facies infrascapularis
45	Acromion
46	Facies articularis acromii
47	Margo vertebralis
48	Margo axillaris
49	Margo superior
50	Angulus inferior
51	Angulus lateralis
52	Angulus medialis
53	Cavitas glenoidalis
54	Collum scapulae
55	Tuberculus infraglenoidalis
56	Tuberculus supraglenoidalis
57	Inclavus scapulae
58	Processus coracoideus
<u>39 Clavula</u>	
60	Extremitas lateralis
61	Facies articularis sternalis
62	Tuberculus costalis
63	Extremitas anterior
64	Facies articularis acromialis
65	Tuberculus coracoideus
66	Extremitas posterior
67	Caput humeri
68	Collum anatomicum
69	Collum chirurgicum
70	Tuberculum majus
71	Tuberculum minus
72	Spina intertubercularis
73	Crura tuberculi majoris
74	Crura tuberculi minoris
75	Corpus humeri

1	Sutura squamosa
2	(Sutura frontalis)
3	Sutura parietomastoidea
4	(Sutura squamosomastoidea)
5	Sutura nasofrontalis
6	Sutura frontoethmoidalis
7	Sutura frontomaxillaris
8	Sutura frontolacrimalis
9	Sutura zygomaticomaxillaris
10	Sutura zygomaticomaxillaris
11	Sutura ethmoidomaxillaris
12	Sutura sphenosphenoidalis
13	(Sutura sphenomaxillaris)
14	Sutura zygomaticosphenoidalis
15	Sutura intermaxillaris
16	Sutura nasomaxillaris
17	Sutura lacrimomaxillaris
18	Sutura lacrimosphenoidalis
19	Sutura intermaxillaris
20	Sutura palatomaxillaris
21	Sutura palatoinframaxillaris
22	Sutura palatina mediana
23	Sutura palatina transversa

34 Sphenobasis cranii

24	Sphenobasis sphenoidalis
25	Sphenobasis sphenoparotica
26	Sphenobasis sphenoparotica
27	Sphenobasis sphenoparotica
28	Sphenobasis infracapsularis posterior
29	Sphenobasis infracapsularis anterior
30	Sphenobasis infracapsularis
31	Fonticulus frontalis major
32	Fonticulus oecipitalis minor
33	Fonticulus mastoideus
34	Fonticulus sphenoidalis

35 OSSA EXTREMITATIS SUPERIORIS

35	Os humeri
36	Os scapulae

37 Scapula

37	Facies costalis
38	Facies muscularis

- 1 Facies anterior medialis
- 2 Facies anterior lateralis
- 3 Facies posterior
- 4 Margo medialis
- 5 Margo lateralis
- 6 Tuberositas deltoidea
- 7 Sulcus n. radialis
- 8 Sulcus n. ulnaris
- 9 Capitulum humeri
- 10 Trochlea humeri
- 11 Epicondylus medialis
- 12 Epicondylus lateralis
- 13 Fossa olecrani
- 14 Fossa coronoidea
- 15 Fossa radialis
- 16 (Processus supracondyloideus)

47 Radius

- 18 Corpus radii
- 19 Capitulum radii
- 20 Fovea capituli radii
- 21 Collum radii
- 22 Circumferentia articularis
- 23 Tuberositas radii
- 24 Crista interossea
- 25 Facies dorsalis
- 26 Facies volaris
- 27 Facies lateralis
- 28 Margo dorsalis
- 29 Margo volaris
- 30 Processus styloideus
- 31 Incisura ulnaris
- 32 Facies articularis carpea

33 Ulna

- 34 Corpus ulnea
- 35 Olecranon
- 36 Processus coronoideus
- 37 Tuberositas ulnae
- 38 Incisura semilunaris
- 39 Incisura radialis

- 40 Crista interossea
- 41 Facies dorsalis
- 42 Facies volaris
- 43 Facies medialis
- 44 Margo dorsalis
- 45 Margo volaris
- 46 Crista m. supinatoris
- 47 Capitulum ulnae
- 48 Circumferentia articularis
- 49 Processus styloideus

50 Carpus

- 51 Ossa carpi
- 52 (Os centrale)
- 53 Os naviculare manus
- 54 Tuberculum oss. navicularis
- 55 Os lunatum
- 56 Os triquetrum
- 57 Os pisiforme
- 58 Os multangulum majus
- 59 Tuberculum oss. multang. majoris
- 60 Os multangulum minus
- 61 Os capitatum
- 62 Os hamatum
- 63 Hamulus oss. hamati
- 64 Eminentia carpi radialis
- 65 Eminentia carpi ulnaris
- 66 Sulcus carpi

67 Metacarpus

- 68 Ossa metacarpalia I--V
- 69 Basis
- 70 Corpus
- 71 Capitulum
- 72 Os metacarpale III
- 73 Processus styloideus

74 Phalanges digitorum manus

- 75 Phalanx prima
- 76 Phalanx secunda
- 77 Phalanx tertia
- 78 Basis phalangis

40	Crista interossea
41	Facies dorsalis
42	Facies ventralis
43	Facies medialis
44	Margo dorsalis
45	Margo ventralis
46	Crista n. supinatoria
47	Capitulum minus
48	Circumferentia articularis
49	Processus styloideus
50 <u>Capitulum</u>	
51	Capitulum minus
52	(Capitulum minus)
53	Capitulum minus
54	Tuberculum oss. manubriaria
55	Oss. lunatum
56	Oss. triquetrum
57	Oss. pisiforme
58	Oss. scaphoideum minus
59	Tuberculum oss. multum
60	Oss. multum minus
61	Oss. capitatum
62	Oss. hamatum
63	Hamulus oss. hamati
64	Tuberculum carpi radialis
65	Tuberculum carpi ulnaris
66	Colus carpi
67 <u>Metacarpus</u>	
68	Oss. metacarpalis I-V
69	Base
70	Corpus
71	Capitulum
72	Oss. metacarpalis III
73	Processus styloideus
74 <u>Phalanx distalis manus</u>	
75	Phalanx prima
76	Phalanx secunda
77	Phalanx tertia
78	Phalanx quarta

1	Facies anterior medialis
2	Facies anterior lateralis
3	Facies posterior
4	Margo medialis
5	Margo lateralis
6	Tuberculum deltoideum
7	Colus n. radialis
8	Colus n. ulnaris
9	Capitulum humeri
10	Trochlea humeri
11	Epicondylus medialis
12	Epicondylus lateralis
13	Fossa olecrani
14	Fossa coronoidea
15	Fossa radialis
16	(Processus supracondylaris)
47 <u>Radius</u>	
18	Corpus radii
19	Capitulum radii
20	Tuberculum radii
21	Collum radii
22	Circumferentia articularis
23	Tuberculum radii
24	Crista interossea
25	Facies dorsalis
26	Facies ventralis
27	Facies lateralis
28	Margo dorsalis
29	Margo ventralis
30	Processus styloideus
31	Tuberculum ulnare
32	Facies articularis carpi
33 <u>Ulna</u>	
34	Corpus ulnæ
35	Olecranon
36	Processus coronoideus
37	Tuberculum ulnare
38	Incisura medialis
39	Incisura radialis

- 1 Corpus phalangis
- 2 Trochlea phalangis
- 3 Tuberositas unguicularis
- 4 Ossa sesamoidea

5 OSSA EXTREMITATIS INFERIORIS

6. C i n g u l u m e x t r e m i t a t i s
i n f e r i o r i s

7 Os coxae

- 8 Foramen obturatum
- 9 Acetabulum
- 10 Fossa acetabuli
- 11 Incisura acetabuli
- 12 Facies lunata
- 13 Sulci paraglenoidales

14 Os ilium

- 15 Corpus oss. ilium
- 16 Ala oss. ilium
- 17 Linea arcuata
- 18 Crista iliaca
- 19 Labium extrenum
- 20 Linea intermedia
- 21 Labium internum
- 22 Spina iliaca anterior superior
- 23 Spina iliac anterior inferior
- 24 Spina iliaca posterior superior
- 25 Spina iliaca posterior inferior
- 26 Linea glutaee anterior
- 27 Linea glutaee posterior
- 28 Linea glutaee inferior
- 29 Facies auricularis
- 30 Tuberositas iliaca
- 31 Fossa iliaca

32 Os ischii

- 33 Corpus oss. ischii
- 34 Ramus superior oss. ischii
- 35 Ramus inferior oss. ischii
- 36 Tuber ischiadicum
- 37 Spina ischiadica

- 38 Incisura ischiadica major
- 39 Incisura ischiadica minor

40 Os pubis

- 41 Corpus oss. pubis
- 42 Pecten oss. pubis
- 43 Eminentia iliopectinea
- 44 Tuberculum pubicum
- 45 Crista obturatoria
- 46 Sulcus obturatorius
- 47 Tuberculum obturatorium anterius
- 48 (Tuberculum obturatorium posterius)
- 49 Ramus inferior oss. pubis
- 50 Ramus superior oss. pubis
- 51 Facies symphyseos

52 Pelvis

- 53 Symphysis ossium pubis
- 54 Arcus pubis
- 55 Angulus pubis
- 56 Pelvis major
- 57 Pelvis minor
- 58 Linea terminalis
- 59 Pars sacralis
- 60 Pars iliaca
- 61 Pars publica
- 62 Apertura pelvis [minoris] superior
- 63 Apertura pelvis [minoris] inferior
- 64 Axis pelvis
- 65 Conjugata
- 66 Diameter transversa
- 67 Diameter obliqua
- 68 Inclinatio pelvis

69 S k e l e t o n e x t r e m i -
t a t i s i n f e r i o r i s
l i b e r a e

70 Femur

- 71 Caput femoris
- 72 Fovea capitis femoris
- 73 Collum femoris

1	Corpus phalangis	38	Incisura ischiadica major
2	Trochlea phalangis	39	Incisura ischiadica minor
3	Tubercula unguitraria		
4	Ossa sesamoidea		
5	Ossa extremitatis inferioris		
6	Cirgulum extremi inferioris		
7	Os coxae		
8	Foramen obturatum	41	Corpus oss. pubis
9	Acetabulum	42	Facies oss. pubis
10	Fossa acetabuli	43	Minima iliopectinea
11	Incisura acetabuli	44	Tuberculum pubicum
12	Facies lumbi	45	Crista obliqua
13	Gulci paragonales	46	Gulcus obturatorius
		47	Tuberculum obturatorium anterius
		48	Tuberculum obturatorium posterius
		49	Ramus inferior oss. pubis
		50	Ramus superior oss. pubis
		51	Facies symphyseae
14	Os ilium		
15	Corpus oss. ilium	52	Symphysis osseum pubis
16	Ala oss. ilium	53	Arctus pubis
17	Linea arcuata	54	Angulus pubis
18	Crista iliaca	55	Pelvis major
19	Labium externum	56	Pelvis minor
20	Linea intermedia	57	Linea terminalis
21	Labium internum	58	Fars sacralis
22	Spina iliaca anterior superior	59	Fars iliaca
23	Spina iliaca anterior inferior	60	Fars pubica
24	Spina iliaca posterior superior	61	Apertura pelvis [minoris] superior
25	Spina iliaca posterior inferior	62	Apertura pelvis [minoris] inferior
26	Linea glutea anterior	63	Axilla pelvis
27	Linea glutea posterior	64	Conjugata
28	Linea glutea inferior	65	Diameter transversa
29	Facies articularis	66	Diameter obliqua
30	Tuberositas iliaca	67	Inclinatio pelvis
31	Fossa iliaca		
32	Os ischii		
33	Corpus oss. ischii	68	Skleton extremi inferioris
34	Ramus superior oss. ischii		
35	Ramus inferior oss. ischii		
36	Tuber ischiadicum		
37	Spina ischiadica		
		70	Caput femoris
		71	Trochlea femoris
		72	Gulcus femoris
		73	Capitulum femoris

- 1 Corpus femoris
- 2 Trochanter major
- 3 Fossa trochanterica
- 4 Trochanter minor
- 5 (Trochanter tertius)
- 6 Linea intertrochanterica
- 7 Crista intertrochanterica
- 8 Linea aspera

9 Labium laterale

10 Labium mediale

- 11 Linea pectinea
- 12 Tuberositas glutea
- 13 Fossa intercondyloidea
- 14 Linea intercondyloidea
- 15 Planum popliteum
- 16 Condylus medialis
- 17 Condylus lateralis
- 18 Facies patellaris
- 19 Epicondylus lateralis
- 20 Epicondylus medialis

21 Tibia

- 22 Facies articularis superior
- 23 Corpus tibiae
- 24 Condylus medialis
- 25 Condylus lateralis
- 26 Fossa intercondyloidea anterior
- 27 Fossa intercondyloidea posterior
- 28 Eminencia intercondyloidea
- 29 Tuberculum intercondyloideum mediale
- 30 Tuberculum intercondyloideum laterale
- 31 Margo infraglenoidalis
- 32 Tuberositas tibiae
- 33 Facies medialis
- 34 Facies posterior
- 35 Facies lateralis
- 36 Margo medialis
- 37 Crista anterior
- 38 Crista interossea

- 39 Linea poplitea
- 40 Malleolus medialis
- 41 Incisura fibularis
- 42 Sulcus malleolaris
- 43 Facies articularis inferior
- 44 Facies articularis malleolaris

45 Fibula

- 46 Corpus fibulae
- 47 Crista interossea
- 48 Crista anterior
- 49 Crista lateralis
- 50 Crista medialis
- 51 Facies medialis
- 52 Facies lateralis
- 53 Facies posterior
- 54 Capitulum fibulae
- 55 Facies articularis capituli
- 56 Apex capituli fibulae
- 57 Malleolus lateralis
- 58 Facies articularis malleoli

59 Patella

- 60 Basis patellae
- 61 Apex patellae
- 62 Facies articularis

63 Tarsus

- 64 O s s a t a r s i

65 Talus

- 66 Caput tali
- 67 Corpus tali
- 68 Collum tali
- 69 Trochlea tali
- 70 Facies superior
- 71 Facies malleolaris medialis
- 72 Facies malleolaris lateralis
- 73 Sulcus tali
- 74 Processus lateralis tali
- 75 Facies articularis calcanea posterior

39 Lines popliteae
40 Malleolus medialis
41 Incisura fibularis
42 Sulcus malleolaris
43 Facies articularis inferior
44 Facies antecubitalis malleolaris

45 Tibula

46 Corpus fibulae
47 Crista interossea
48 Crista anterior
49 Crista lateralis
50 Crista medialis
51 Facies medialis
52 Facies lateralis
53 Facies posterior
54 Caput fibulae
55 Facies articularis capituli
56 Apex capituli fibulae
57 Malleolus lateralis
58 Facies articularis malleoli

59 Patella

60 Facies patellaris
61 Apex patellaris
62 Facies articularis

63 Tarsus

64 Os tarsale I

65 Talus

66 Caput tali
67 Corpus tali
68 Collum tali
69 Trochlea tali
70 Facies superior
71 Facies malleolaris medialis
72 Facies malleolaris lateralis
73 Sulcus tali
74 Processus lateralis tali
75 Facies articularis calcanei posterior

Corpus femoris
Trochanter major
Tuberculum trochantericum
Trochanter minor
(Trochanter tertius)
Lines intertrochantericae
Crista intertrochanterica
Lines suprae

9 Ladium laterale
10 Ladium mediale

Lines pectinae
Tuberculum pectinis
Fossa intercondyloidea
Lines intercondyloideae
Planum popliteum
Condylus medialis
Condylus lateralis
Facies patellaris
Epicondylus lateralis
Epicondylus medialis

81 Tibia

Facies articularis superior
Corpus tibiae
Condylus medialis
Condylus lateralis
Fossa intercondyloidea anterior
Fossa intercondyloidea posterior
Eminentia intercondyloidea
Tuberculum intercondyloideum medialis
Tuberculum intercondyloideum lateralis
Margo infraglenoidalis
Tuberculum tibiae
Facies medialis
Facies posterior
Facies lateralis
Margo medialis
Crista anterior
Crista interossea

- 1 Facies articularis calcanea media
- 2 Sulcus m. flexoris hallucis longi
- 3 Facies articularis navicularis
- 4 Facies articularis calcanea anterior
- 5 Processus posterior tali
- 6 (Os trigonum)
- 7 Calcaneus
- 8 Corpus calcanei
- 9 Tuber calcanei
 - 10 Processus medialis tuberis calcanei
 - 11 Processus lateralis tuberis calcanei
- 12 Sustentaculum tali
- 13 Sulcus m. flexoris hallucis longi
- 14 Sulcus calcanei
- 15 Sinus tarsi
- 16 Facies articularis anterior
- 17 Facies articularis media
- 18 Facies articularis posterior
- 19 Sulcus m. peronei
- 20 (Processus trochlearis)
- 21 Facies articularis cuboidea
- 22 Os naviculare pedis
- 23 Tuberositas oss. navicularis
- 23 Tuberositas oss.
- 24 Os cuneiforme primum
- 25 Os cuneiforme secundum
- 26 Os cuneiforme tertium
- 27 Os cuboideum
- 28 Sulcus m. peronei
- 29 Tuberositas oss. cuboidei
- 30 Metatarsus
- 31 Ossa metatarsalis I--V
 - 32 Basis
 - 33 Corpus
 - 34 Capitulum
- 35 Tuberositas oss. metatarsalis I
- 36 Tuberositas oss. metatarsalis V
- 37 Phalanges digitorum pedis
- 38 Phalanx prima
- 39 Phalanx secunda
- 40 Phalanx tertia
 - 41 Tuberositas unguicularis
- 42 Basis phalangis
- 43 Corpus phalangis
- 44 Trochlea phalangis
- 45 Ossa sesamoidea

34	Os cuneiforme primum
35	Os cuneiforme secundum
36	Os cuneiforme tertium
37	Os cuboideum
38	Gulcus m. peronei
39	Tuberositas oss. cuboides
30	Metatarsus
31	Ossa metatarsalia I-V
32	Phalanx
33	Corpus
34	Capitulum
35	Tuberositas oss. metatarsalis I
36	Tuberositas oss. metatarsalis V
37	Phalanx distalis pedis
38	Phalanx prima
39	Phalanx secunda
40	Phalanx tertia
41	Tuberositas navicularis
42	Base phalangis
43	Corpus phalangis
44	Trochlea phalangis
45	Ossa sesamoidea

1	Facies articularis calcanei medialis
2	Gulcus m. flexoris hallucis longi
3	Facies articularis navicularis
4	Facies articularis calcanei anterior
5	Processus posterior tali
6	(Os trigonum)
7	Calcaneus
8	Corpus calcanei
9	Tuber calcanei
10	Processus medialis tuberculi calcanei
11	Processus lateralis tuberculi calcanei
12	Sustentaculum tali
13	Gulcus m. flexoris hallucis longi
14	Gulcus calcanei
15	Stilus lateralis
16	Facies articularis anterior
17	Facies articularis medialis
18	Facies articularis posterior
19	Gulcus m. peronei
20	(Processus trochlearis)
21	Facies articularis cuboides
22	Os naviculare pedis
23	Tuberositas oss. navicularis
24	Tuberositas oss.

1 SYNDESMOLOGIA

- | | | | |
|----|-------------------------|----|-----------------------------------|
| 2 | Junctura ossium | 31 | Stratum fibrosum |
| 3 | Synarthrosis | 32 | Stratum synoviale |
| 4 | Sutura | 33 | Plica synovialis |
| 5 | Sutura serrata | 34 | Villi synoviales |
| 6 | Sutura squamosa | 35 | Synovia |
| 7 | Harmonia | | |
| 8 | Gomphosis | 36 | LIGAMENTA COLUMNAE VERTEBRALIS |
| 9 | Synchondrosis | | ET CRANII |
| 10 | Symphysis | 37 | Fibrocartilagine intervertebrales |
| 11 | Diarthrosis | 38 | Annulus fibrosus |
| 12 | Articulatio | 39 | Nucleus pulposus |
| 13 | Articulatio simplex | 40 | Ligg. flava |
| 14 | Articulatio composita | 41 | Capsulae articulares |
| 15 | Arthrodia | 42 | Ligg. intertransversaria |
| 16 | Articulatio sphaeroidea | 43 | Ligg. interspinalia |
| 17 | Enarthrosis | 44 | Lig. supraspinale |
| 18 | Ginglymus | 45 | Lig. nuchae |
| 19 | Articulatio cochlearis | 46 | Lig. longitudinale anterius |
| 20 | Articulatio ellipsoidea | 47 | Lig. longitudinale posterius |
| 21 | Articulatio trochoidea | 48 | Symphysis sacrococcygea |
| 22 | Articulatio sellaris | 49 | Lig. sacrococcygeum posterius |
| 23 | Amphiarthrosis | | superficiale |
| 24 | Syndesmosis | 50 | Lig. sacrococcygeum posterius |
| 25 | Cartilago articularis | | profundum |
| 26 | Cavum articulare | 51 | Lig. sacrococcygeum anterius |
| 27 | Discus articularis | 52 | Lig. sacrococcygeum laterale |
| 28 | Labrum glenoidale | 53 | Lig. pterygospinosum |
| 29 | Meniscus articularis | 54 | Lig. stylohyoideum |
| 30 | Capsula articularis | | |

SYNOPSIS

31	Styrium tibiale	3	Styrium tibiale
32	Styrium tibiale	4	Styrium tibiale
33	Styrium tibiale	5	Styrium tibiale
34	Styrium tibiale	6	Styrium tibiale
35	Styrium tibiale	7	Styrium tibiale
36	Styrium tibiale	8	Styrium tibiale
37	Styrium tibiale	9	Styrium tibiale
38	Styrium tibiale	10	Styrium tibiale
39	Styrium tibiale	11	Styrium tibiale
40	Styrium tibiale	12	Styrium tibiale
41	Styrium tibiale	13	Styrium tibiale
42	Styrium tibiale	14	Styrium tibiale
43	Styrium tibiale	15	Styrium tibiale
44	Styrium tibiale	16	Styrium tibiale
45	Styrium tibiale	17	Styrium tibiale
46	Styrium tibiale	18	Styrium tibiale
47	Styrium tibiale	19	Styrium tibiale
48	Styrium tibiale	20	Styrium tibiale
49	Styrium tibiale	21	Styrium tibiale
50	Styrium tibiale	22	Styrium tibiale
51	Styrium tibiale	23	Styrium tibiale
52	Styrium tibiale	24	Styrium tibiale
53	Styrium tibiale	25	Styrium tibiale
54	Styrium tibiale	26	Styrium tibiale
55	Styrium tibiale	27	Styrium tibiale
56	Styrium tibiale	28	Styrium tibiale
57	Styrium tibiale	29	Styrium tibiale
58	Styrium tibiale	30	Styrium tibiale
59	Styrium tibiale	31	Styrium tibiale
60	Styrium tibiale	32	Styrium tibiale
61	Styrium tibiale	33	Styrium tibiale
62	Styrium tibiale	34	Styrium tibiale
63	Styrium tibiale	35	Styrium tibiale
64	Styrium tibiale	36	Styrium tibiale
65	Styrium tibiale	37	Styrium tibiale
66	Styrium tibiale	38	Styrium tibiale
67	Styrium tibiale	39	Styrium tibiale
68	Styrium tibiale	40	Styrium tibiale
69	Styrium tibiale	41	Styrium tibiale
70	Styrium tibiale	42	Styrium tibiale
71	Styrium tibiale	43	Styrium tibiale
72	Styrium tibiale	44	Styrium tibiale
73	Styrium tibiale	45	Styrium tibiale
74	Styrium tibiale	46	Styrium tibiale
75	Styrium tibiale	47	Styrium tibiale
76	Styrium tibiale	48	Styrium tibiale
77	Styrium tibiale	49	Styrium tibiale
78	Styrium tibiale	50	Styrium tibiale
79	Styrium tibiale	51	Styrium tibiale
80	Styrium tibiale	52	Styrium tibiale
81	Styrium tibiale	53	Styrium tibiale
82	Styrium tibiale	54	Styrium tibiale
83	Styrium tibiale	55	Styrium tibiale
84	Styrium tibiale	56	Styrium tibiale
85	Styrium tibiale	57	Styrium tibiale
86	Styrium tibiale	58	Styrium tibiale
87	Styrium tibiale	59	Styrium tibiale
88	Styrium tibiale	60	Styrium tibiale
89	Styrium tibiale	61	Styrium tibiale
90	Styrium tibiale	62	Styrium tibiale
91	Styrium tibiale	63	Styrium tibiale
92	Styrium tibiale	64	Styrium tibiale
93	Styrium tibiale	65	Styrium tibiale
94	Styrium tibiale	66	Styrium tibiale
95	Styrium tibiale	67	Styrium tibiale
96	Styrium tibiale	68	Styrium tibiale
97	Styrium tibiale	69	Styrium tibiale
98	Styrium tibiale	70	Styrium tibiale
99	Styrium tibiale	71	Styrium tibiale
100	Styrium tibiale	72	Styrium tibiale

- 1 ARTICULATIO ATLANTOCCIPITALIS
- 2 Capsulae articulares
- 3 Membrana atlantooccipitabis anterior
- 4 Membrana atlantooccipitalis posterior

- 5 ARTICULATIO ATLANTOEPISTROPHICA
- 6 Capsulae articulares
- 7 Ligg. alaria
- 8 Lig. apicis dentis
- 9 Lig. transversum atlantis
- 10 Lig. cruciatum atlantis
- 11 Membrana tectoria

12 ARTICULATIONES COSTOVERTEBRALES

- 13 ARTICULATIONES CAPITULORUM
- 14 Capsulae articulares
- 15 Lig. capituli costae radiatum
- 16 Lig. capituli costae interarticulare

17 ARTICULATIONES COSTOTRANSVERSARIAE

- 18 Capsulae articulares
- 19 Lig. tuberculi costae
- 20 Lig. colli costae
- 21 Lig. costotransversarium anterius
- 22 Lig. costotransversarium posterius
- 23 Lig. lumbocostale
- 24 Foramen costotransversarium

25 ARTICULATIONES STERNOCOSTALES

- 26 Capsulae articulares
- 27 Lig. sternocostale interarticulare
- 28 Ligg. sternocostalis radiata
- 29 Membrana sterni
- 30 Ligg. costoxiphoides
- 31 Ligg. intercostalia
 - 32 Ligg. intercostalia externa
 - 33 Ligg. intercostalia interna
- 34 Articulationes interchondrales

35 ARTICULATIO MANDIBULARIS

- 36 Capsula articularis
- 37 Discus articularis
- 38 Lig. temporomandibulare
- 39 Lig. sphenomandibulare
- 40 Lig. stylomandibulare

41 LIGG. CINGULI EXTREMITATIS SUPERIORIS

- 42 Lig. coracoacromiale
- 43 Lig. transversum scapulae superioris
- 44 Lig. transversum scapulae inferioris

45 ARTICULATIO ACROMIOCLAVICULARIS

- 46 Capsula articularis
- 47 Lig. acromioclaviculare
- 48 (Discus articularis)
- 49 Lig. coracoclaviculare
 - 50 Lig. trapezoideum
 - 51 Lig. conoideum

52 ARTICULATIO STERNOCLAVICULARIS

- 53 Capsula articularis
- 54 Discus articularis
- 55 Lig. sternoclaviculare
- 56 Lig. costoclaviculare
- 57 Lig. interclaviculare

58 ARTICULATIO HUMERI

- 59 Capsula articularis
- 60 Labrum glenoidale
- 61 Lig. coracohumerale

62 ARTICULATIO CUBITI

- 63 Articulatio humeroulnaris
- 64 Articulatio humeroradialis
- 65 Articulatio radioulnaris
 - proximalis
- 66 Capsula articularis
- 67 Lig. collaterale ulnare
- 68 Lig. collaterale radiale
- 69 Lig. annulare radii

- 35 ARTICULATIO MANDIBULARIS
36 Capsula articularis
37 Discus articularis
38 Lig. temporomandibulare
39 Lig. sphenomandibulare
40 Lig. stylocondylare

41 LIGG. GINGULI EXTREMITATIS SUPERIORIS

- 42 Lig. coronoacromiale
43 Lig. transversum scapulae superiorum
44 Lig. transversum scapulae inferiorum

45 ARTICULATIO ACROMIoclavicULARIS

- 46 Capsula articularis
47 Lig. acromioclaviculare
48 (Discus articularis)
49 Lig. coracoclaviculare
50 Lig. trapezoidum
51 Lig. conoidum

52 ARTICULATIO STERNOCLAVICULARIS

- 53 Capsula articularis
54 Discus articularis
55 Lig. sternoclaviculare
56 Lig. costoclaviculare
57 Lig. interclaviculare

58 ARTICULATIO HUMERI

- 59 Capsula articularis
60 Lig. glenoidale
61 Lig. coracohumerales

62 ARTICULATIO SCAPULAE

- 63 Articulatio humeroclaviculae
64 Articulatio humerosternalis
65 Articulatio sternoclaviculae
66 Capsula articularis
67 Lig. costosternalis alare
68 Lig. costosternalis radiata
69 Lig. costosternalis radiata

1 ARTICULATIO ATLANTOCCIPITALIS

- 2 Capsulae articulariae
3 Membrana atlantoccipitalis anterior
4 Membrana atlantoccipitalis posterior

5 ARTICULATIO ATLANTOXYSTROPHICA

- 6 Capsulae articulariae
7 Lig. alaris
8 Lig. apicalis densae
9 Lig. transversum atlantis
10 Lig. cruciatum atlantis
11 Membrana testacea

12 ARTICULATIONES COSTOVERTEBRALES

13 ARTICULATIONES CAPITULORUM

- 14 Capsulae articulariae
15 Lig. capituli costae rightum
16 Lig. capituli costae interarticularis

14 ARTICULATIONES COSTOTRANSVERSARIAE

RIAE

- 18 Capsulae articulariae
19 Lig. tuberculi costae
20 Lig. colli costae
21 Lig. costotransversarium anterius
22 Lig. costotransversarium posterius
23 Lig. lambo-costalis
24 Foramen costotransversarium

25 ARTICULATIONES STERNOCOSTALES

- 26 Capsulae articulariae
27 Lig. sternocostalis interarticularis
28 Lig. sternocostalis radiata
29 Membrana sterni
30 Lig. costoxiphoides
31 Lig. intercostalis
32 Lig. intercostalis externus
33 Lig. intercostalis internus
34 Articulationes interchondrales

- 1 Recessus sacciformis
- 2 Membrana interossea antibrachii
- 3 Chorda obliqua

4 ARTICULATIO RADIOULNARIS DISTALIS

- 5 Capsula articularis
- 6 Discus articularis
- 7 Recessus sacciformis

8 ARTICULATIO MANUS

- 9 Articulatio radiocarpea
- 10 Articulatio intercarpea
- 11 Capsula articularis
- 12 Lig. radiocarpeum dorsale
- 13 Lig. radiocarpeum volare
- 14 Lig. carpi radiatum
- 15 Lig. collaterale carpi ulnare
- 16 Lig. collaterale carpi radiale
- 17 Ligg. intercarpea dorsalia
- 18 Ligg. intercarpea volaria
- 19 Ligg. intercarpea interossea

20 ARTICULATIO OSSIS PISIFORMIS

- 21 Capsula articularis
- 22 Lig. p. sohamatum
- 23 Lig. pisometacarpeum
- 24 Canalis carpi

25 ARTICULATIONES CARPOMETACARPEAE

- 26 Capsulae articulares
- 27 Ligg. carpometacarpea dorsalia
- 28 Ligg. carpometacarpea volaria

29 ARTICULATIO CARPOMETACARPEA POLLICIS

- 30 Capsula articularis

31 ARTICULATIONES INTERMETACARPEAE

- 32 Capsulae articulares
- 33 Ligg. basium [oss. metacarp.] dorsalia
- 34 Ligg. basium [oss. metacarp.] volaria

- 35 Ligg. basium [oss. metacarp.]
interossea

- 36 Spatia interossea metacarpi

37 ARTICULATIONES METACARPOPHALAN- GAE

- 38 Capsulae articulares
- 39 Ligg. collateralia
- 40 Ligg. accessoria volaria
- 41 Ligg. capitulorum [oss. metacarp-
slium] transversa

42 ARTICULATIONES DIGITORUM MANUS

- 43 Capsulae articulares
- 44 Ligg. collateralia

45 LIGG. CINGULI EXTREMITATIS INFERIORIS

- 46 Membrana obturatoria
- 47 Canalis obturatorius
- 48 Lig. iliolumbale
- 49 Lig. sacrotuberosum
- 50 Processus falciformis
- 51 Lig. sacrospinosum
- 52 Foramen ischiadicum majus
- 53 Foramen ischiadicum minus

54 ARTICULATIO SACROILIACA

- 55 Ligg. sacroiliaca anteriora
- 56 Ligg. sacroiliaca interossea
- 57 Lig. sacroiliacum posterior breve
- 58 Lig. sacroiliacum posterior longum

59 SYMPHYSIS OSSIUM PUBIS

- 60 Lig. pubicum superius
- 61 Lig. arcuatum pubis
- 62 Lamina fibrocartilaginea inter-
pubica

63 ARTICULATIO COXAE

- 64 Capsula articularis
- 65 Labrum glenoidale
- 66 Lig. transversum acetabuli
- 67 Lig. teres femoris
- 68 Zona orbicularis
- 69 Lig. iliofemorale

- 1 Lig. ischiocapsulare
- 2 Lig. pubocapsulare
- 3 ARTICULATIO GENU
 - 4 Capsula articularis
 - 5 Meniscus lateralis
 - 6 Meniscus medialis
 - 7 Lig. transversum genu
 - 8 Lig. cruciata genu
 - 9 Lig. cruciatum anterior
 - 10 Lig. cruciatum posterior
- 11 Plica synovialis patellaris
- 12 Plicae alares
- 13 Lig. collaterale fibulare
- 14 Lig. collaterale tibiale
- 15 Lig. popliteum obliquum
- 16 Lig. popliteum arcuatum
- 17 Retinaculum lig. arcuati
- 18 Lig. patellae
- 19 Retinaculum patellae mediale
- 20 Retinaculum patellae laterale
- 21 ARTICULATIO TIBIOFIBULARIS
 - 22 Capsula articularis
 - 23 Lig. capituli fibulae
 - 24 Membrana interossea cruris
- 25 SYNDESMOSIS TIBIOFIBULARIS
 - 26 Lig. malleoli lateralis anterior
 - 27 Lig. malleoli lateralis posterior
- 28 ARTICULATIONES PEDIS
- 29 ARTICULATIO TALOCRURALIS
 - 30 Capsula articularis
 - 31 Lig. deltoideum
 - 32 Lig. tibionaviculare
 - 33 Lig. calcaneotibiale
 - 34 Lig. talotibiale anterior
 - 35 Lig. talotibiale posterior
 - 36 Lig. talofibulare anterior
 - 37 Lig. talofibulare posterior
 - 38 Lig. calcaneofibulare
- 39 ARTICULATIONES INTERTARSEAE
- 40 ARTICULATIO TALOCALCANEONAVICULARIS
 - 41 ARTICULATIO TALOCALCANEAE
 - 42 Capsula articularis
 - 43 Lig. talocalcaneum laterale
 - 44 Lig. talocalcaneum mediale
 - 45 Lig. talocalcaneum anterior
 - 46 Lig. talocalcaneum posterior
 - 47 ARTICULATIO TARSII TRANSVERSA
 - CHOPARTI
 - 48 ARTICULATIO TALONAVICULARIS
 - 49 Capsula articularis
 - 50 ARTICULATIO CALCANEOCUBOIDEA
 - 51 Capsula articularis
 - 52 ARTICULATIO CUNEONAVICULARIS
 - 53 LIGG. TARSII INTEROSSEA
 - 54 Lig. talocalcaneum interosseum
 - 55 Lig. cuneocuboideum interosseum
 - 56 Lig. intercuneiformia interossea
 - 57 LIGG. TARSII DORSALIA
 - 58 Lig. talonaviculare dorsale
 - 59 Lig. cuneocuboideum dorsale
 - 60 Lig. cuboideonaviculare dorsale
 - 61 Lig. bifurcatum
 - 62 Pars calcaneonavicularis
 - 63 Pars calcaneocuboidea
 - 64 Lig. calcaneonaviculare dorsale
 - 65 Ligg. navicularicuneiformia dorsalia
 - 66 LIGG. TARSII PLANTARIA
 - 67 Lig. plantare longum
 - 68 Ligg. tarsi profunda
 - 69 Lig. calcaneocuboideum plantare
 - 70 Lig. calcaneonaviculare plantare

37	lar. teliochrysa posterior
38	lar. teliochrysa posterior
39	ARTICULATIO INTERMEDIA
40	ARTICULATIO TERTIA TRANSVERSA
41	ARTICULATIO TERTIA TRANSVERSA
42	lar. teliochrysa posterior
43	lar. teliochrysa posterior
44	lar. teliochrysa posterior
45	lar. teliochrysa posterior
46	lar. teliochrysa posterior
47	ARTICULATIO TERTIA TRANSVERSA
48	ARTICULATIO TERTIA TRANSVERSA
49	lar. teliochrysa posterior
50	ARTICULATIO TERTIA TRANSVERSA
51	lar. teliochrysa posterior
52	ARTICULATIO TERTIA TRANSVERSA
53	lar. teliochrysa posterior
54	lar. teliochrysa posterior
55	lar. teliochrysa posterior
56	lar. teliochrysa posterior
57	lar. teliochrysa posterior
58	lar. teliochrysa posterior
59	lar. teliochrysa posterior
60	lar. teliochrysa posterior
61	lar. teliochrysa posterior
62	lar. teliochrysa posterior
63	lar. teliochrysa posterior
64	lar. teliochrysa posterior
65	lar. teliochrysa posterior
66	lar. teliochrysa posterior
67	lar. teliochrysa posterior
68	lar. teliochrysa posterior
69	lar. teliochrysa posterior
70	lar. teliochrysa posterior

1	lar. teliochrysa posterior
2	lar. teliochrysa posterior
3	ARTICULATIO TERTIA TRANSVERSA
4	lar. teliochrysa posterior
5	lar. teliochrysa posterior
6	lar. teliochrysa posterior
7	lar. teliochrysa posterior
8	lar. teliochrysa posterior
9	lar. teliochrysa posterior
10	lar. teliochrysa posterior
11	lar. teliochrysa posterior
12	lar. teliochrysa posterior
13	lar. teliochrysa posterior
14	lar. teliochrysa posterior
15	lar. teliochrysa posterior
16	lar. teliochrysa posterior
17	lar. teliochrysa posterior
18	lar. teliochrysa posterior
19	lar. teliochrysa posterior
20	lar. teliochrysa posterior
21	ARTICULATIO TERTIA TRANSVERSA
22	lar. teliochrysa posterior
23	lar. teliochrysa posterior
24	lar. teliochrysa posterior
25	lar. teliochrysa posterior
26	lar. teliochrysa posterior
27	lar. teliochrysa posterior
28	ARTICULATIO TERTIA TRANSVERSA
29	lar. teliochrysa posterior
30	lar. teliochrysa posterior
31	lar. teliochrysa posterior
32	lar. teliochrysa posterior
33	lar. teliochrysa posterior
34	lar. teliochrysa posterior
35	lar. teliochrysa posterior
36	lar. teliochrysa posterior
37	lar. teliochrysa posterior
38	lar. teliochrysa posterior
39	lar. teliochrysa posterior
40	lar. teliochrysa posterior
41	lar. teliochrysa posterior
42	lar. teliochrysa posterior
43	lar. teliochrysa posterior
44	lar. teliochrysa posterior
45	lar. teliochrysa posterior
46	lar. teliochrysa posterior
47	lar. teliochrysa posterior
48	lar. teliochrysa posterior
49	lar. teliochrysa posterior
50	lar. teliochrysa posterior

- 1 Fibrocartilago navicularis
- 2 Ligg. navicularicuneiformia plantaria
- 3 Lig. cuboideonaviculare plantare
- 4 Ligg. intercuneiformia plantaria
- 5 Lig. cuneocuboideum plantare
- 6 ARTICULATIONES TARSOMETATARSEAE
- 7 Capsulae articulares
- 8 Ligg. tarsometatarsea dorsalis
- 9 Ligg. tarsometatarsea plantaria
- 10 Ligg. cuneometatarsea interossea
- 11
- 11 ARTICULATIONES INTERMETATARSEAE
- 12 Capsulae articulares
- 13 Ligg. basium [oss. metatars.] interossea
- 14 Ligg. basium [oss. metatars.] dorsalia
- 15 Ligg. basium [oss. metatars.] plantaria
- 16 Spatia interossea metatarsi
- 17 ARTICULATIONES METATARSOPHALAN-GEAE
- 18 Capsulae articulares
- 19 Ligg. collateralia
- 20 Ligg. accessoria plantaria
- 21 Ligg. capitulorum [oss. metatars.] transversa
- 22 ARTICULATIONES DIGITORUM PEDIS
- 23 Capsulae articulares
- 24 Ligg. collateralia
- 25 M. trapezoides
- 26 M. trapezoides (M. trapezoides lunatus)
- 27 M. latissimus dorsi
- 28 M. rhomboideus major
- 29 M. rhomboideus minor
- 30 M. levator scapulae
- 31 M. serratus posterior inferior
- 32 M. serratus posterior superior
- 33 M. splenius cervicis
- 34 M. splenius capitis
- 35 M. semispinalis
- 36 M. iliocostalis
- 37 M. iliocostalis lumborum
- 38 M. iliocostalis dorsi
- 39 M. iliocostalis cervicis
- 40 M. longissimus
- 41 M. longissimus dorsi
- 42 M. longissimus cervicis
- 43 M. longissimus capitis
- 44 M. semispinalis
- 45 M. semispinalis dorsi
- 46 M. semispinalis cervicis
- 47 M. semispinalis capitis
- 48 M. multifidus
- 49 M. rotatores
- 50 M. rotatores longi
- 51 M. rotatores breves
- 52 M. interspinales
- 53 M. intertransversarii
- 54 M. intertransversarii laterales
- 55 M. intertransversarii mediales
- 56 M. intertransversarii anteriores
- 57 M. intertransversarii posteriores
- 58 M. rectus capitis posterior major

- 13 lig. basium [ces. metatarsi]
interossea
14 lig. basium [ces. metatarsi]
dorsalis
15 lig. basium [ces. metatarsi]
plantaris
16 Spatia interossea metatarsi
- IV ARTICULATIONES METATARSOPHALAN-
GEAE
18 Capsulae articulares
19 lig. collaterales
20 lig. sesamoidea plantaris
21 lig. capitulum [ces. metatarsi]
transversae
- 22 ARTICULATIONES DIGITORUM PEDIS
23 Capsulae articulares
24 lig. collaterales

- 1 Fibrocartilago navicularis
2 lig. navicularis intermetatarsi
3 lig. cuboideonavicularis plantaris
4 lig. intercuneiformis plantaris
5 lig. cuneocuboidale plantaris
- 6 ARTICULATIONES TARSO-METATARSALAE
7 Capsulae articulares
8 lig. tarso-metatarsales dorsales
9 lig. tarso-metatarsales plantaris
10 lig. cuneo-metatarsales interossea
11
12 ARTICULATIONES INTERMETATARSALAE
13 Capsulae articulares

1 MYOLOGIA

- | | | | |
|----|----------------------|----|-------------------------|
| 2 | Musculus | 33 | Aponeurosis |
| | 3 Caput | 34 | Perimysium |
| | 4 Venter | 35 | Fascia |
| 5 | Musculus fusiformis | | 36 Fascia superficialis |
| 6 | Musculus unipennatus | 37 | Inscriptio tendinea |
| 7 | Musculus bipennatus | 38 | Arcus tendineus |
| 8 | Musculus sphincter | 39 | Ligamentum vaginale |
| 9 | Musculus orbicularis | 40 | Vagina fibrosa tendinis |
| 10 | Musculus articularis | 41 | Vagina mucosa tendinis |
| 11 | Musculus skeleti | 42 | Trochlea muscularis |
| 12 | Musculus cutaneus | 43 | Bursa mucosa |
| 13 | Tendo | | |
-
- | | | | |
|----|--------------------------------|----|------------------------------------|
| | 14 MUSCULI DORSI | 44 | M. longissimus capitis |
| 15 | M. trapezius | 45 | M. spinalis |
| 16 | (M. transversus nuchae) | 46 | M. spinalis dorsi |
| 17 | M. latissimus dorsi | 47 | M. spinalis cervicis |
| 18 | M. rhomboideus major | 48 | M. spinalis capitis |
| 19 | M. rhomboideus minor | 49 | M. semispinalis |
| 20 | M. levator scapulae | 50 | M. semispinalis dorsi |
| 21 | M. serratus posterior inferior | 51 | M. semispinalis cervicis |
| 22 | M. serratus posterior superior | 52 | M. semispinalis capitis |
| 23 | M. splenius cervicis | 53 | M. multifidus |
| 24 | M. splenius capitis | 54 | Mm. rotatores |
| 25 | M. sacrospinalis | 55 | Mm. rotatores longi |
| 26 | M. iliocostalis | 56 | Mm. rotatores breves |
| | 27 M. iliocostalis lumborum | 57 | Mm. interspinales |
| | 28 M. iliocostalis dorsi | 58 | Mm. intertransversarii |
| | 29 M. iliocostalis cervicis | 59 | Mm. intertransversarii laterales |
| 30 | M. longissimus | 60 | Mm. intertransversarii mediales |
| | 31 M. longissimus dorsi | 61 | Mm. intertransversarii anteriores |
| | 32 M. longissimus cervicis | 62 | Mm. intertransversarii posteriores |
| | | 63 | M. rectus capitis posterior major |

MUSCULI

33	Agonostoma
34	Peristoma
35	Yacola
36	Yacola superficialis
37	Imperialis tendinis
38	Arca tendinis
39	Ligamentum vaginae
40	Vagina fibrosa tendinis
41	Vagina muscosa tendinis
42	Trochlea muscularis
43	Bursa muscosa

1	Musculus
2	Musculus
3	Musculus
4	Musculus
5	Musculus
6	Musculus
7	Musculus
8	Musculus
9	Musculus
10	Musculus
11	Musculus
12	Musculus
13	Musculus
14	Musculus

44 M. foveolatus capitis

45 M. spinalis

46 M. spinalis dorsalis

47 M. spinalis cervicis

48 M. spinalis capitis

49 M. semispinalis

50 M. semispinalis dorsalis

51 M. semispinalis cervicis

52 M. semispinalis capitis

53 M. multifidus

54 M. rotatorius

55 M. rotatorius longi

56 M. rotatorius brevis

57 M. intertransversarius

58 M. intertransversarius

59 M. intertransversarius

60 M. intertransversarius

61 M. intertransversarius

62 M. intertransversarius

63 M. intertransversarius

64 M. intertransversarius

65 M. intertransversarius

66 M. intertransversarius

67 M. intertransversarius

68 M. intertransversarius

69 M. intertransversarius

70 M. intertransversarius

14 MUSCULI DORSI

15 M. trapezius

16 M. transversus nuchae

17 M. latissimus dorsi

18 M. rhomboideus major

19 M. rhomboideus minor

20 M. levator scapulae

21 M. serratus posterior inferior

22 M. serratus posterior superior

23 M. spinatus cervicis

24 M. spinatus capitis

25 M. sacrospinatus

26 M. iliocostalis

27 M. iliocostalis lumborum

28 M. iliocostalis dorsalis

29 M. iliocostalis cervicis

30 M. longissimus

31 M. longissimus dorsalis

32 M. longissimus cervicis

- 1 M. rectus capitis posterior minor
- 2 M. rectus capitis lateralis
- 3 M. obliquus capitis superior
- 4 M. obliquus capitis inferior
- 5 Fascia lumbodorsalis
- 6 Fascia nuchae

7 MUSCULI CAPITIS

- 8 M. epicranius
- 9 M. frontalis
- 10 M. occipitalis
- 11 M. procerus
- 12 M. Nasalis
- 13 Pars transversa
- 14 Pars alaris
- 15 M. depressor septi
- 16 M. orbicularis oculi
- 17 Pars palpebralis
- 18 Pars orbitalis
- 19 Pars lacrimalis {Horneri}
- 20 M. auricularis anterior
- 21 M. auricularis superior
- 22 M. auricularis posterior
- 23 M. orbicularis oris
- 24 M. triangularis
- 25 (M. transversus menti)
- 26 M. risorius
- 27 M. zygomaticus
- 28 M. quadratus labii superioris
- 29 Caput zygomaticum
- 30 Caput infraorbitale
- 31 Caput angulare
- 32 M. quadratus labii inferioris
- 33 M. caninus
- 34 M. buccinator
- 35 Mm. incisivi labii superioris
- 36 Mm. incisivi labii inferioris
- 37 M. mentalis
- 38 M. masseter
- 39 M. temporalis
- 40 M. pterygoideus externus

- 41 M. pterygoideus internus
- 42 Galea aponeurotica
- 43 Fascia buccopharyngea
- 44 Fascia parotideomasseterica
- 45 Fascia temporalis

46 MUSCULI OSS. HYOIDEI

- 47 M. digastricus
- 48 Venter anterior
- 49 Venter posterior
- 50 M. stylohyoideus
- 51 M. mylohyoideus
- 52 M. geniohyoideus

53 MUSCULI COLLI

- 54 Platysma
- 55 M. sternocleidomastoideus
- 56 M. sternohyoideus
- 57 M. omohyoideus
- 58 Venter superior
- 59 Venter inferior
- 60 M. sternothyreideus
- 61 M. thyreohyoideus
- 62 (M. levator glandulae thyreoidae)
- 63 M. longus colli
- 64 M. longus capitis
- 65 M. rectus capitis anterior
- 66 M. scalenus anterior
- 67 M. scalenus medius
- 68 M. scalenus posterior
- 69 (M. scalenus minimus)
- 70 Fascia colli
- 71 Fascia praevertebralis

72 MUSCULI THORACIS

- 73 (M. sternalis)
- 74 M. pectoralis major
- 75 Pars claviculæ
- 76 Pars sternocostalis
- 77 Pars abdominalis
- 78 M. pectoralis minor
- 79 M. subclavius

41	M. stylohyoideus inferior
42	M. stylohyoideus superior
43	M. stylohyoideus medius
44	M. stylohyoideus superior
45	M. stylohyoideus inferior
46	M. stylohyoideus medius
47	M. stylohyoideus superior
48	M. stylohyoideus inferior
49	M. stylohyoideus medius
50	M. stylohyoideus superior
51	M. stylohyoideus inferior
52	M. stylohyoideus medius
53	M. stylohyoideus superior
54	M. stylohyoideus inferior
55	M. stylohyoideus medius
56	M. stylohyoideus superior
57	M. stylohyoideus inferior
58	M. stylohyoideus medius
59	M. stylohyoideus superior
60	M. stylohyoideus inferior
61	M. stylohyoideus medius
62	M. stylohyoideus superior
63	M. stylohyoideus inferior
64	M. stylohyoideus medius
65	M. stylohyoideus superior
66	M. stylohyoideus inferior
67	M. stylohyoideus medius
68	M. stylohyoideus superior
69	M. stylohyoideus inferior
70	M. stylohyoideus medius
71	M. stylohyoideus superior
72	M. stylohyoideus inferior
73	M. stylohyoideus medius
74	M. stylohyoideus superior
75	M. stylohyoideus inferior
76	M. stylohyoideus medius
77	M. stylohyoideus superior
78	M. stylohyoideus inferior
79	M. stylohyoideus medius
80	M. stylohyoideus superior

1	M. tracheus capitis posterior minor
2	M. tracheus capitis posterior major
3	M. tracheus capitis superior
4	M. tracheus capitis inferior
5	M. tracheus capitis medius
6	M. tracheus capitis superior
7	M. tracheus capitis inferior
8	M. tracheus capitis medius
9	M. tracheus capitis superior
10	M. tracheus capitis inferior
11	M. tracheus capitis medius
12	M. tracheus capitis superior
13	M. tracheus capitis inferior
14	M. tracheus capitis medius
15	M. tracheus capitis superior
16	M. tracheus capitis inferior
17	M. tracheus capitis medius
18	M. tracheus capitis superior
19	M. tracheus capitis inferior
20	M. tracheus capitis medius
21	M. tracheus capitis superior
22	M. tracheus capitis inferior
23	M. tracheus capitis medius
24	M. tracheus capitis superior
25	M. tracheus capitis inferior
26	M. tracheus capitis medius
27	M. tracheus capitis superior
28	M. tracheus capitis inferior
29	M. tracheus capitis medius
30	M. tracheus capitis superior
31	M. tracheus capitis inferior
32	M. tracheus capitis medius
33	M. tracheus capitis superior
34	M. tracheus capitis inferior
35	M. tracheus capitis medius
36	M. tracheus capitis superior
37	M. tracheus capitis inferior
38	M. tracheus capitis medius
39	M. tracheus capitis superior
40	M. tracheus capitis inferior
41	M. tracheus capitis medius
42	M. tracheus capitis superior
43	M. tracheus capitis inferior
44	M. tracheus capitis medius
45	M. tracheus capitis superior
46	M. tracheus capitis inferior
47	M. tracheus capitis medius
48	M. tracheus capitis superior
49	M. tracheus capitis inferior
50	M. tracheus capitis medius
51	M. tracheus capitis superior
52	M. tracheus capitis inferior
53	M. tracheus capitis medius
54	M. tracheus capitis superior
55	M. tracheus capitis inferior
56	M. tracheus capitis medius
57	M. tracheus capitis superior
58	M. tracheus capitis inferior
59	M. tracheus capitis medius
60	M. tracheus capitis superior
61	M. tracheus capitis inferior
62	M. tracheus capitis medius
63	M. tracheus capitis superior
64	M. tracheus capitis inferior
65	M. tracheus capitis medius
66	M. tracheus capitis superior
67	M. tracheus capitis inferior
68	M. tracheus capitis medius
69	M. tracheus capitis superior
70	M. tracheus capitis inferior
71	M. tracheus capitis medius
72	M. tracheus capitis superior
73	M. tracheus capitis inferior
74	M. tracheus capitis medius
75	M. tracheus capitis superior
76	M. tracheus capitis inferior
77	M. tracheus capitis medius
78	M. tracheus capitis superior
79	M. tracheus capitis inferior
80	M. tracheus capitis medius

- 1 M. serratus anterior
- 2 Mm. levatores costarum
 - 3 Mm. levatores costarum longi
 - 4 Mm. levatores costarum breves
- 5 Mm. intercostales externi
- 6 Mm. intercostales interni
- 7 Mm. subcostales
- 8 M. transversus thoracis
- 9 Diaphragma
 - 10 Pars lumbalis
 - 11 Crus mediale
 - 12 Crus intermedium
 - 13 Crus laterale
 - 14 Pars costalis
 - 15 Pars sternalis
- 16 Aorticus
- 17 Hiatus oesophageus
- 18 Centrum tendineum
- 19 Foramen venae cavae
- 20 Arcus lumbocostalis medialis [Halleri]
- 21 Arcus lumbocostalis lateralis [Halleri]
- 22 Fascia pectoralis
- 23 Fascia coracoclavicularis
- 24 MUSCULI ABDOMINIS
- 25 M. rectus abdominis
- 26 Falx aponeurotica inguinalis
- 27 M. pyramidalis
- 28 M. obliquus externus abdominis
- 29 M. obliquus internus abdominis
- 30 M. cremaster
- 31 M. transversus abdominis
- 32 M. quadratus lumborum
- 33 Annulus umbilicalis^x
- 34 Linea alba
 - 35 Adminiculum lineae albae
- 36 Inscriptiones tendineae
- 37 Lig. suspensorium penis s. clitoridis
- 38 Lig. fundiforme penis
- 39 Vagina m. recti abdominis
- 40 Linea semicircularis [Douglasi]
- 41 Lig. inguinale [Poupartii]
- 42 Lig. lacunare [Gimbernati]
- 43 Lig. inguinale reflexum [Collesi]
- 44 Annulus inguinalis subcutaneus
 - 45 Crus superius
 - 46 Crus inferius
- 47 Fibrae intercrurales
- 48 Trigonum lumbale [Petiti]
- 49 Linea semilunaris [Spigeli]
- 50 Fascia transversalis
- 51 Canalis inguinalis
- 52 Annulus inguinalis abdominalis
- 53 Lig. interfoveolare [Hesselbachi]
- 54 Flica epigastrica
- 55 Fovea inguinalis lateralis
- 56 Fovea inguinalis medialis
- 57 Fovea supravasicalis
- 58 MUSCULI COCCYGEI
- 59 M. coccygeus
- 60 M. sacrococcygeus anterior
- 61 M. sacrococcygeus posterior
- 62 MUSCULI EXTREMITATIS SUPERIORIS
- 63 M. deltoideus
- 64 M. supraspinatus
- 65 M. infraspinatus
- 66 M. teres minor
- 67 M. teres major
- 68 M. subscapularis
- 69 M. biceps brachii
 - 70 Caput longum
 - 71 Vagina mucosa intertubercularis
 - 72 Caput breve
 - 73 Lacertus fibrosus
- 74 M. coracobrachialis
- 75 M. brachialis
- 76 M. triceps brachii
 - 77 Caput longum
 - 78 Caput laterale
 - 79 Caput mediale

41	Lig. inguinale [Pogorelec]	1	M. serratus anterior
42	Lig. inguinale [Göteborg]	2	Mm. levatores costarum
43	Lig. inguinale [Göteborg]	3	Mm. levatores costarum longi
44	Annulus inguinalis subcutaneus	4	M. levator costarum brevis
45	Crus superius	5	Mm. intercostales externi
46	Crus inferius	6	Mm. intercostales interni
47	Fibrae intercostales	7	Mm. subcostales
48	Triangulum lumbale [Pogorelec]	8	M. transversus thoracis
49	Linea semilunaris [Pogorelec]	9	Diaphragma
50	Fascia transversalis	10	Fora lumbalis
51	Canalis inguinalis	11	Crus mediale
52	Annulus inguinalis sphincteris	12	Crus intermedium
53	Lig. intertuberculare [Hesselbach]	13	Crus laterale
54	Fibrae epigastricae	14	Para costalis
55	Fovea inguinalis lateralis	15	Para sternalis
56	Fovea inguinalis medialis	16	Rectus abdominis
57	Fovea supravesicalis	17	Rectus abdominis
58	MUSCULI COCCYGEI	18	Rectus abdominis
59	M. coccygeus	19	Foramen venae cavae
60	M. sacrocoecygeus anterior	20	Arctus lumbocostalis medialis
61	M. sacrocoecygeus posterior	21	Arctus lumbocostalis lateralis
62	MUSCULI EXTREMITATIS SUPERIORIS	22	Fascia pectoralis
63	M. deltoideus	23	Fascia coracobrachialis
64	M. supraspinatus	24	MUSCULI ABDOMINIS
65	M. infraspinatus	25	M. rectus abdominis
66	M. teres minor	26	Plex aponeuroticus inguinalis
67	M. teres major	27	M. pyramidalis
68	M. subscapularis	28	M. obliquus externus abdominis
69	M. pectoralis	29	M. obliquus internus abdominis
70	Caput longum	30	M. cremaster
71	Vagina muscosa intertubercularis	31	M. transversus abdominis
72	Caput breve	32	M. quadratus lumborum
73	Lacerta fibrosa	33	Annulus umbilicalis
74	M. coracobrachialis	34	Linea alba
75	M. brachialis	35	Abdominalium linea alba
76	M. triceps brachii	36	Insculptio tendinea
77	Caput longum	37	Lig. suspensorium penis
78	Caput laterale	38	Clitoridis
79	Caput mediale	39	Lig. lumbosacralis
		40	Vagina m. recti abdominis
			Linea semilunaris [Douglas]

- | | | | |
|----|------------------------------------|----|---------------------------------|
| 1 | M. anconaeus | 42 | Fascia eupraspinata |
| 2 | M. epitrochleoanconaeus) | 43 | Fascia infraspinata |
| 3 | M. pronator teres | 44 | Fascia brachii |
| | 4 Caput humerale | 45 | Septum intermusculare [Humeri] |
| | 5 Caput ulnare | | mediale |
| 6 | M. flexor carpi radialis | 46 | Septum intermusculare [Humeri] |
| 7 | M. palmaris longus | | laterale |
| 8 | M. flexor carpi ulnaris | 47 | Sulcus bicipitalis medialis |
| | 9 Caput humerale | 48 | Sulcus bicipitalis lateralis |
| | 10 Caput ulnare | 49 | Fascia antibrachii |
| 11 | M. flexor digitorum sublimis | 50 | Fascia dorsalis manus |
| | 12 Caput humerale | 51 | Lig. carpi dorsale |
| | 13 Caput radiale | 52 | Aponeurosis palmaris |
| 14 | M. flexor digitorum profundus | 53 | Fasciculi transversi |
| 15 | M. flexor pollicis longus | 54 | Lig. carpi transversum |
| 16 | M. pronator quadratus | 55 | Lig. carpi volare |
| 17 | M. branchioradialis | 56 | Chiasma tendinum |
| 18 | M. extensor carpi radialis longus | 57 | Vinculum tendinum |
| 19 | M. extensor carpi radialis brevis | 58 | Vaginae musosae |
| 20 | M. extensor digitorum communis | 59 | Ligg. vaginalia digitorum manus |
| | 21 Junctionae tendinum | 60 | Ligg. annularia digitorum manus |
| 22 | M. extensor digiti quinti proprius | 61 | Ligg. cruciata digitorum manus |
| 23 | M. extensor carpi ulnaris | | |
| 24 | M. supinator | 62 | MUSCULI EXTREMITATIS INFERIORIS |
| 25 | M. abductor pollicis longus | 63 | M. iliopsoas |
| 26 | M. extensor pollicis brevis | 64 | M. iliacus |
| 27 | M. extensor pollicis longus | 65 | M. psoas major |
| 28 | M. extensor indicis proprius | 66 | M. psoas minor |
| 29 | M. palmaris brevis | 67 | M. glutaeus maximus |
| 30 | M. abductor pollicis brevis | 68 | M. glutaeus medius |
| 31 | M. flexor pollicis brevis | 69 | M. glutaeus minimus |
| 32 | M. opponens pollicis | 70 | M. tensor fasciae latae |
| 33 | M. adductor pollicis | 71 | M. piriformis |
| 34 | M. abductor digiti quinti | 72 | M. obturator internus |
| 35 | M. flexor digiti quinti brevis | 73 | M. gemellus superior |
| 36 | M. opponens digiti quinti | 74 | M. gemellus inferior |
| 37 | Mm. lumbricales | 75 | M. quadratus femoris |
| 38 | Mm. interossei dorsales | 76 | M. sartorius |
| 39 | Mm. interossei volares | 77 | M. quadriceps femoris |
| 40 | Fascia axillaris | 78 | M. rectus femoris |
| 41 | Fascia subscapularis | 79 | M. vastus lateralis |

- | | | | |
|----|--------------------------------|----|---|
| 1 | M. vastus intermedius | 44 | M. flexor digitorum brevis |
| 2 | M. vastus medialis | 45 | M. quadratus plantae |
| 3 | M. articularis genu | 46 | Mm. lumbricales |
| 4 | M. pectineus | 47 | Mm. interossei dorsales |
| 5 | M. adductor longus | 48 | Mm. interossei plantares |
| 6 | M. gracilis | 49 | Fascia lata |
| 7 | M. adductor brevis | 50 | Tractus iliotibialis [Maissati] |
| 8 | M. adductor magnus | 51 | Septum intermusculare [femoris] |
| 9 | M. adductor minimus | | laterale |
| 10 | M. obturator externus | 52 | Septum intermusculare [femoris] |
| 11 | M. biceps femoris | | mediale |
| | 12 Caput longum | 53 | Canalis adductorius [Hunteri] |
| | 13 Caput breve | 54 | Hiatus tendineus [adductorius] |
| 14 | M. semitendinosus | 55 | Fascia iliaca |
| 15 | M. semimembranosus | 56 | Fascia iliopectinea |
| 16 | M. tibialis anterior | 57 | Lacuna musculorum |
| 17 | M. extensor digitorum longus | 58 | Lacuna vasorum |
| 18 | M. peronaeus tertius | 59 | Trigonum femorale [Fossa Scarpae major] |
| 19 | M. extensor hallucis longus | 60 | Fossa iliopectinea |
| 20 | M. peronaeus longus | 61 | Fascia pectinea |
| 21 | M. peronaeus brevis | 62 | Canalis femoralis |
| 22 | M. triceps surae | | 63 Annulus femoralis |
| | 23 M. gastrocnemius | | 64 Septum femorale [Cloqueti] |
| | 24 Caput laterale | | 65 Fossa ovalis |
| | 25 Caput mediale | | 66 Margo falciformis |
| | 26 M. soleus | | 67 Cornu superius |
| 27 | Arcus tendineus m solei | | 68 Cornu inferius |
| 28 | Tendo calcaneus [Achillis] | | 69 Fascia cribrosa |
| 29 | M. plantaris | 70 | Fascia cruris |
| 30 | M. popliteus | 71 | Septum intermusculare anterius |
| 31 | M. tibialis posterior | | fibulare |
| 32 | M. flexor digitorum longus | 72 | Septum intermusculare posterius |
| 33 | M. flexor hallucis longus | | fibulare |
| 34 | M. extensor hallucis brevis | 73 | Lig. transversum cruris |
| 35 | M. extensor digitorum brevis | 74 | Lig. laciniatum |
| 36 | M. abductor hallucis | 75 | Lig. cruciatum cruris |
| 37 | M. flexor hallucis brevis | 76 | Retinaculum mm. peronaeorum sup. |
| 38 | M. adductor hallucis | 77 | Retinaculum mm. peronaeorum inferius |
| | 39 Caput obliquum | | |
| | 40 Caput transversum | | |
| 41 | M. abductor digiti quinti | | |
| 42 | M. flexor digiti quinti brevis | | |
| 43 | M. opponens digiti quinti | | |

1	M. venter intermedius	44	M. flexor digitorum brevis
2	M. venter vaginalis	45	M. quadratus plantae
3	M. articularis genu	46	M. quadratus
4	M. pectineus	47	M. interosus lateralis
5	M. adductor longus	48	M. interosus medialis
6	M. gracilis	49	M. flexor
7	M. adductor brevis	50	Triceps glutealis [minor]
8	M. adductor magnus	51	Caput intermuscularis [lateralis]
9	M. adductor minimus	52	Caput intermuscularis [medialis]
10	M. extensor externus	53	Caput adductorius [minor]
11	M. biceps femoris	54	Caput adductorius [major]
12	Caput longum	55	Caput adductorius [minor]
13	Caput breve	56	Caput adductorius [major]
14	M. semitendinosus	57	Caput adductorius [minor]
15	M. semimembranosus	58	Caput adductorius [major]
16	M. tibialis anterior	59	Caput adductorius [minor]
17	M. extensor digitorum longus	60	Caput adductorius [major]
18	M. peroneus tertius	61	Caput adductorius [minor]
19	M. extensor hallucis longus	62	Caput adductorius [major]
20	M. peroneus longus	63	Caput adductorius [minor]
21	M. peroneus brevis	64	Caput adductorius [major]
22	M. biceps surae	65	Caput adductorius [minor]
23	M. gastrocnemius	66	Caput adductorius [major]
24	Caput laterale	67	Caput adductorius [minor]
25	Caput mediale	68	Caput adductorius [major]
26	M. soleus	69	Caput adductorius [minor]
27	Artes. lumbares in soleo	70	Caput adductorius [major]
28	Tendo calcanei [Achillis]	71	Caput adductorius [minor]
29	M. plantaris	72	Caput adductorius [major]
30	M. popliteus	73	Caput adductorius [minor]
31	M. fibularis posterior	74	Caput adductorius [major]
32	M. flexor digitorum longus	75	Caput adductorius [minor]
33	M. flexor hallucis longus	76	Caput adductorius [major]
34	M. extensor hallucis brevis	77	Caput adductorius [minor]
35	M. extensor digitorum brevis	78	Caput adductorius [major]
36	M. adductor hallucis	79	Caput adductorius [minor]
37	M. flexor hallucis brevis	80	Caput adductorius [major]
38	M. adductor minimus	81	Caput adductorius [minor]
39	Caput obliquum	82	Caput adductorius [major]
40	Caput transversum	83	Caput adductorius [minor]
41	M. adductor digiti quinti	84	Caput adductorius [major]
42	M. flexor digiti quinti brevis	85	Caput adductorius [minor]
43	M. opponens digiti quinti	86	Caput adductorius [major]

- | | | | |
|---|---|---|-----------------|
| 1 | Fascia dorsalis pedis | 4 | Vaginae mucosae |
| 2 | Aponeurosis plantaris | 5 | Ligg. annularia |
| 3 | Fasciculi transversi
aponeurosis plantaris | 6 | Ligg. vaginalia |
| | | 7 | Ligg. cruciata |

8 B U R S A E E T V A G I N A E M U C O S A E

- | | | | |
|----|----------------------------|----|--------------------------|
| 9 | Bursa mucosa subcutanea | 12 | Bursa mucosa subterdinea |
| 10 | Bursa mucosa submuscularis | 13 | Vagina mucosa tendinis |
| 11 | Bursa mucosa subfacialis | | |
-
- | | | | |
|----|--|----|--|
| 14 | B. musculi trochlearis | 37 | Vagina tendinum mm. abductoris longi
et extensoris brevis pollicis |
| 15 | B. m. tensoris veli palatini | 38 | Vagina tendinum mm. extensorum carpi
radialium |
| 16 | B. subcutanea praementalis | 39 | Vagina tendinis m. extensoris pollicis
longi |
| 17 | B. subcutanea prominentiae
laryngeae | 40 | Vagina tendinum mm. extensoris digi-
torum communis et extensoris indicis |
| 18 | B. m. sternohyoidei | 41 | Vagina tendinis m. extensoris digiti
minimi |
| 19 | B. m. thyreohyoidei | 42 | Vagina tendinis m. extensori carpi
ulnaris |
| 20 | B. subcutanea sacralis | 43 | B. m. extensoris carpi radialis brevis |
| 21 | B. coccygea | 44 | Bursae subcutaneae metacarpophalangeae
dorsales |
| 22 | B. subcutanea acromialis | 45 | Bursae subcutaneae digitorum dorsales |
| 23 | B. subacromialis | 46 | B. m. flexoris carpi ulnaris |
| 24 | B. subdeltoidea | 47 | B. m. flexoris carpi radialis |
| 25 | B. m. coracobrachialis | 48 | Vagina tendinum mm. flexorum com-
munium |
| 26 | B. m. infraspinati | 49 | Vag. tendinis m. flexoris pollicis longi |
| 27 | B. m. subscapularis | 50 | Bursae intermetacarpophalangeae |
| 28 | B. m. teretis majoris | 51 | Vaginae tendinum digitales |
| 29 | B. m. latissimi dorsi | 52 | B. trochanterica subcutanea |
| 30 | B. subcutanea olecrani | 53 | B. trochanterica m. glutaei maximi |
| 31 | B. intratendinea olecrani | 54 | B. troch. m. glutei medii anterior |
| 32 | B. subtendinea olecrani | | |
| 33 | B. subcutanea epicondyli [humeri]
lateralis | | |
| 34 | B. subcutanea epicondyli [humeri]
medialis | | |
| 35 | B. bicipitoradialis | | |
| 36 | B. cubitalis interossea | | |

B. BURSA ET VAGINAE MUCOSAE

1	Bursa mucosa subcutanea	12	Bursa mucosa subcutanea
2	Bursa mucosa subcutanea	13	Vagina mucosa testicularis
3	Bursa mucosa subcutanea		
4	Bursa mucosa subcutanea		
5	Bursa mucosa subcutanea		
6	Bursa mucosa subcutanea		
7	Bursa mucosa subcutanea		
8	Bursa mucosa subcutanea		
9	Bursa mucosa subcutanea		
10	Bursa mucosa subcutanea		
11	Bursa mucosa subcutanea		
12	Bursa mucosa subcutanea		
13	Bursa mucosa subcutanea		
14	Bursa mucosa subcutanea		
15	Bursa mucosa subcutanea		
16	Bursa mucosa subcutanea		
17	Bursa mucosa subcutanea		
18	Bursa mucosa subcutanea		
19	Bursa mucosa subcutanea		
20	Bursa mucosa subcutanea		
21	Bursa mucosa subcutanea		
22	Bursa mucosa subcutanea		
23	Bursa mucosa subcutanea		
24	Bursa mucosa subcutanea		
25	Bursa mucosa subcutanea		
26	Bursa mucosa subcutanea		
27	Bursa mucosa subcutanea		
28	Bursa mucosa subcutanea		
29	Bursa mucosa subcutanea		
30	Bursa mucosa subcutanea		
31	Bursa mucosa subcutanea		
32	Bursa mucosa subcutanea		
33	Bursa mucosa subcutanea		
34	Bursa mucosa subcutanea		
35	Bursa mucosa subcutanea		
36	Bursa mucosa subcutanea		
37	Bursa mucosa subcutanea		
38	Bursa mucosa subcutanea		
39	Bursa mucosa subcutanea		
40	Bursa mucosa subcutanea		
41	Bursa mucosa subcutanea		
42	Bursa mucosa subcutanea		
43	Bursa mucosa subcutanea		
44	Bursa mucosa subcutanea		
45	Bursa mucosa subcutanea		
46	Bursa mucosa subcutanea		
47	Bursa mucosa subcutanea		
48	Bursa mucosa subcutanea		
49	Bursa mucosa subcutanea		
50	Bursa mucosa subcutanea		
51	Bursa mucosa subcutanea		
52	Bursa mucosa subcutanea		
53	Bursa mucosa subcutanea		
54	Bursa mucosa subcutanea		

- | | |
|---|--|
| 1 B. troch. m. gluta ei medii posterior | 25 B. m. gastrocnemii medialis |
| 2 B. troch. m. gluta ei minimi | 26 B. m. semimembranosi |
| 3 B. m. piriformis | 27 B. subcutanea malleoli lateralis |
| 4 B. m. obturatoris interni | 28 B. subcutanea malleoli medialis |
| 5 Bursae glutaefemorales | 29 Vag. tendinis m. tibialis anterioris |
| 6 B. ischiadica m. gluta ei maximi | 30 Vag. tendinis m. extensoris hallucis
longi |
| 7 B. m. recti femoris | 31 Vaginae tendinum m. extensoris digi-
torum pedis longi |
| 8 B. iliopectinea | 32 Vaginae tendinum m. flexoris digi-
torum pedis longi |
| 9 B. iliaca subtendinea | 33 Vag. tendinis m. tibialis posterioris |
| 10 B. m. pectinei | 34 Vag. tendinis m. flexoris hallucis
longi |
| 11 B. m. bicipitis femoris superior | 35 Vag. tendinum mm. peronaeorum
communis |
| 12 B. praepatellaris subcutanea | 36 Bursa sinus tarsi |
| 13 B. praepatellaris subfascialis | 37 B. subtendinea m. tibialis anterioris |
| 14 B. praepatellaris subtendinea | 38 B. subtendinea m. tibialis posterioris |
| 15 B. suprapatellaris | 39 B. subcutanea calcanea |
| 16 B. infrapatellaris subcutanea | 40 B. tendinis calcanei [Achillis] |
| 17 B. infrapatellaris profunda | 41 Vag. tendinis m. peronaei longi
plantaris |
| 18 B. subcutanea tuberositatis tibiae | 42 Bursae intermetatarsophalangeae |
| 19 B. m. sartorii propria | 43 Bursae mm. lumbricalium pedis |
| 20 B. anserina | 44 Vaginae tendinum digitales pedis |
| 21 B. m. bicipitis femoris inferior | |
| 22 B. m. poplitei | |
| 23 B. bicipitogastrocnemialis | |
| 24 B. m. gastrocnemii lateralis | |

44	Vaginae tendinum digitorum pedis	44
43	Bursae mm. lumbricalium pedis	43
42	Bursae intermetatarsophalangeae	42
41	Vag. tendinis m. peronei longi	41
40	B. tendinis calcanei [Achillis]	40
39	B. subcutanea calcanei	39
38	B. subfemorales m. tibialis posterioris	38
37	B. subfemorales m. tibialis anterioris	37
36	Bursa sinus tarsi	36
35	Vag. tendinum mm. peroneorum	35
	longi	
34	Vag. tendinis m. flexoris hallucis	34
33	Vag. tendinis m. tibialis posterioris	33
32	Vaginae tendinum m. flexoris digi-	32
	torum pedis longi	
31	Vaginae tendinum m. extensoris digi-	31
	torum pedis longi	
30	Vag. tendinis m. extensoris hallucis	30
29	Vag. tendinis m. tibialis anterioris	29
28	B. subcutanea malleoli medialis	28
27	B. subcutanea malleoli lateralis	27
26	B. m. semimembranosus	26
25	B. m. gastrocnemii medialis	25

B. m. gastrocnemii lateralis	
B. bicipitis gastrocnemialis	
B. m. poplitei	
B. m. bicipitis femoris inferior	
B. anserina	
B. m. sartorii propria	
B. subcutanea tuberculi tibiae	
B. infrapatellaris profunda	
B. infrapatellaris subcutanea	
B. suprapatellaris	
B. praepatellaris subfemorales	
B. praepatellaris subscapularis	
B. praepatellaris subcutanea	
B. m. bicipitis femoris superior	
B. m. pectinei	
B. iliaci subfemorales	
B. iliopsoas	
B. m. recti femoris	
B. ischiadica m. glutei maximi	
B. m. glutaei medii posterior	
B. troch. m. glutei minimi	
B. troch. m. glutei medii posterior	

1 SPLANCHNOLOGIA

- | | | | |
|----|---------------------------|----|-------------------------|
| 2 | Tunica albuginea | 15 | Ligamentum serosum |
| 3 | Tunica fibrosa | 16 | Serum |
| 4 | Tunica adventitia | 17 | Epithelium |
| 5 | Tunica mucosa | 18 | Endothelium |
| 6 | Lamina propria mucosae | 19 | Organon parenchymatosum |
| 7 | Lamina muscularis mucosae | 20 | Parenchyma |
| 8 | Tela submucosa | 21 | Stroma |
| 9 | Plica mucosa | 22 | Glandula |
| 10 | Mucus | 23 | Lobus |
| 11 | Tunica muscularis | 24 | Lobulus |
| 12 | Tunica serosa | 25 | Glandula mucosa |
| 13 | Tela subserosa | 26 | Musculus viscerum |
| 14 | Plica serosa | | |

27 APPARATUS DIGESTORIUS

- | | | | |
|----|------------------------|----|------------------------------|
| 28 | CAVUM ORIS | 40 | Palatum durum |
| 29 | Bucca | 41 | Palatum molle |
| 30 | Corpus adiposum buccae | 42 | Raphe palati |
| 31 | Vestibulum oris | 43 | <u>Tunica mucosa oris</u> |
| 32 | Cavum oris proprium | 44 | Frenulum labii superioris |
| 33 | Rima oris | 45 | Frenulum labii inferioris |
| 34 | Labia oris | 46 | Gingiva |
| 35 | Labium superius | 47 | Caruncula sublingualis |
| 36 | Labium inferius | 48 | Plica sublingualis |
| 37 | Commissura labiorum | 49 | Plicae palatinae transversae |
| 38 | Angulus oris | 50 | Papilla incisiva |
| 39 | Palatum | | |

1 SPLANCHNOLOGY

- 17. Esophagus
- 18. Esophagus
- 19. Oesophagus
- 20. Oesophagus
- 21. Stomach
- 22. Glandula
- 23. Locus
- 24. Locus
- 25. Glandula
- 26. Musculus

- 27. Tunica albuginea
- 28. Tunica fibrosa
- 29. Tunica adventitia
- 30. Tunica mucosa
- 31. Lamina propria mucosae
- 32. Lamina muscularis mucosae
- 33. Tela submucosa
- 34. Folia mucosa
- 35. Musculus
- 36. Tunica muscularis
- 37. Tunica serosa
- 38. Tela subserosa
- 39. Folia serosa

27 & 28 A.T.U.S. DIGESTOR

- 40. Palatum durum
- 41. Palatum molle
- 42. Raphe palati
- 43. Tunica mucosa oris
- 44. Premaxilla labialis superior
- 45. Premaxilla labialis inferior
- 46. Gingivae
- 47. Caruncula sublingualis
- 48. Folia sublingualis
- 49. Folia palatinae transversae
- 50. Papilla linguales

- 51. Bucca
- 52. Corpus albugineum buccae
- 53. Vestibulum oris
- 54. Cavity oris proprium
- 55. Rima oris
- 56. Labia oris
- 57. Labium superius
- 58. Labium inferius
- 59. Commissura labiorum
- 60. Angulus oris
- 61. Palatum

1 Glandulae oris

- 2 Gl. labiales
- 3 Gl. buccales
- 4 Gl. molares
- 5 Gl. palatinae
- 6 Gl. linguales
- 7 Gl. lingualis anterior [Blandini Nuhn]
- 8 Gl. sublingualis
- 9 Ductus sublingualis major
- 10 Ductus sublinguales minores
- 11 Gl. submaxillaris
- 12 Ductus submaxillaris [Whartoni]
- 13 Gl. parotis
- 14 Processus retromandibularis
- 15 Gl. parotis accessori
- 16 Ductus parotideus [Stenonis]
- 17 Saliva

18 Dentes

- 19 Corona dentis
- 20 Tubercula [coronae] dentis
- 21 Collum dentis
- 22 Radix Radices dentis
- 23 Apex radiceis dentis
- 24 Facies masticatoria
- 25 Facies labialis buccalis
- 26 Facies lingualis
- 27 Facies contactus
- 28 Facies medialis } dentium incisivo-
- 29 Facies lateralis } rum et caninorum
- 30 Facies anterior } dentium praemola-
- 31 Facies posterior } rium et molarium
- 32 Cavum dentis
- 33 Pulpa dentis
- 34 Papilla dentis^x
- 35 Canalis radiceis dentis
- 36 Foramen apicis dentis
- 37 Substantia eburnea
- 38 Substantia adamantina

- 39 Substantia ossea
- 40 Canaliculi dentales
- 41 Spatia interglobularia
- 42 Prismata adamantina
- 43 Cuticula dentis
- 44 Periosteum alveolare
- 45 Arcus dentalis superior
- 46 Arcus dentalis inferior
- 47 Dentes incisivi
- 48 Dentes canini
- 49 Dentes praemolares
- 50 Dentes molares
- 51 Dens serotinus
- 52 Dentes permanentes
- 53 Dentes decidui

54 Lingua

- 55 Dorsum linguae
- 56 Radix linguae
- 57 Corpus linguae
- 58 Facies inferior [linguae]
- 59 Plica fimbriata
- 60 Margo lateralis [linguae]
- 61 Apex linguae
- 62 Tunica mucosa linguae
- 63 Frenulum linguae
- 64 Papillae linguales
- 65 Papillae filiformes
- 66 Papillae conicae
- 67 Papillae fungiformes
- 68 Papillae lenticulares
- 69 Papillae vallatae
- 70 Papillae foliatae
- 71 Sulcus medianus linguae
- 72 Sulcus terminalis
- 73 Foramen caecum linguae (Morgagnii)
- 74 (Ductus lingualis)
- 75 Ductus thyreoglossus^x
- 76 Tonsilla lingualis
- 77 Folliculi linguales
- 78 Septum linguae

39	Substantia alba
40	Substantia nigra
41	Substantia nigra
42	Substantia nigra
43	Substantia nigra
44	Substantia nigra
45	Substantia nigra
46	Substantia nigra
47	Substantia nigra
48	Substantia nigra
49	Substantia nigra
50	Substantia nigra
51	Substantia nigra
52	Substantia nigra
53	Substantia nigra
54	Substantia nigra
55	Substantia nigra
56	Substantia nigra
57	Substantia nigra
58	Substantia nigra
59	Substantia nigra
60	Substantia nigra
61	Substantia nigra
62	Substantia nigra
63	Substantia nigra
64	Substantia nigra
65	Substantia nigra
66	Substantia nigra
67	Substantia nigra
68	Substantia nigra
69	Substantia nigra
70	Substantia nigra
71	Substantia nigra
72	Substantia nigra
73	Substantia nigra
74	Substantia nigra
75	Substantia nigra
76	Substantia nigra
77	Substantia nigra
78	Substantia nigra

1	Glandulae oris
2	Glandulae oris
3	Glandulae oris
4	Glandulae oris
5	Glandulae oris
6	Glandulae oris
7	Glandulae oris
8	Glandulae oris
9	Glandulae oris
10	Glandulae oris
11	Glandulae oris
12	Glandulae oris
13	Glandulae oris
14	Glandulae oris
15	Glandulae oris
16	Glandulae oris
17	Glandulae oris
18	Glandulae oris
19	Glandulae oris
20	Glandulae oris
21	Glandulae oris
22	Glandulae oris
23	Glandulae oris
24	Glandulae oris
25	Glandulae oris
26	Glandulae oris
27	Glandulae oris
28	Glandulae oris
29	Glandulae oris
30	Glandulae oris
31	Glandulae oris
32	Glandulae oris
33	Glandulae oris
34	Glandulae oris
35	Glandulae oris
36	Glandulae oris
37	Glandulae oris
38	Glandulae oris
39	Glandulae oris
40	Glandulae oris
41	Glandulae oris
42	Glandulae oris
43	Glandulae oris
44	Glandulae oris
45	Glandulae oris
46	Glandulae oris
47	Glandulae oris
48	Glandulae oris
49	Glandulae oris
50	Glandulae oris
51	Glandulae oris
52	Glandulae oris
53	Glandulae oris
54	Glandulae oris
55	Glandulae oris
56	Glandulae oris
57	Glandulae oris
58	Glandulae oris
59	Glandulae oris
60	Glandulae oris
61	Glandulae oris
62	Glandulae oris
63	Glandulae oris
64	Glandulae oris
65	Glandulae oris
66	Glandulae oris
67	Glandulae oris
68	Glandulae oris
69	Glandulae oris
70	Glandulae oris
71	Glandulae oris
72	Glandulae oris
73	Glandulae oris
74	Glandulae oris
75	Glandulae oris
76	Glandulae oris
77	Glandulae oris
78	Glandulae oris

1 Musculi linguae

- 2 M. genioglossus
- 3 M. hyoglossus
- 4 M. chondroglossus
- 5 M. styloglossus
- 6 M. longitudinalis superior
- 7 M. longitudinalis inferior
- 8 M. transversus linguae
- 9 M. verticalis linguae

10 Fauces

- 11 Isthmus faucium
- 12 Velum palatinum
- 13 Uvula palatina
- 14 Arcus palatini
 - 15 Arcus glossopalatinus
 - 16 Arcus pharyngopalatinus
- 17 Plica salpingopalatina
- 18 Tonsilla palatina
 - 19 Fossulae tonsillares
- 20 Sinus tonsillaris
- 21 Plica triangularis
- 22 Fossa supratonsillaris

23 Musculi palati et faucium

- 24 M. levator veli palatini
- 25 M. tensor veli palatini
- 26 M. uvulae
- 27 M. glossopalatinus
- 28 M. pharyngopalatinus

29 PHARYNX

- 30 Cavum pharyngis
- 31 Fornix pharyngis
- 32 Pars nasalis
- 33 Pars oralis
- 34 Pars laryngea
- 35 Ostium pharyngeum tubae
 - 36 Labium anterius
 - 37 Labium posterius
 - 38 Torus tubarius
- 39 Plica salpingopharyngea
- 40 Recessus pharyngeus [Rosenmuelleri]

41 (Bursa pharyngea)

- 42 Recessus piriformis
- 43 M. stylopharyngeus
- 44 Fascia pharyngobasilaris
- 45 Tunica mucosa
 - 46 Gl. pharyngeae
 - 47 Tonsilla pharyngea
 - 48 Fossulae tonsillares
- 49 Tela submucosa
- 50 Tunica muscularis pharyngis
- 51 Raphe pharyngis
- 52 Raphe pterygomandibularis
- 53 M. constrictor pharyngis superior
 - 54 M. pterygopharyngeus
 - 55 M. buccopharyngeus
 - 56 M. mylopharyngeus
 - 57 M. glossopharyngeus
- 58 M. salpingopharyngeus
- 59 M. constrictor pharyngis medius
 - 60 M. chondropharyngeus
 - 61 M. ceratopharyngeus
- 62 M. constrictor pharyngis inferior
 - 63 M. thyreopharyngeus
 - 64 M. cricopharyngeus

65 TUBUS DIGESTORIUS

66 Oesophagus

- 67 Pars cervicalis
- 68 Pars thoracalis
- 69 Pars abdominalis
- 70 Tunica adventitia
- 71 Tunica muscularis
 - 72 M. bronchooesophageus
 - 73 M. pleurooesophageus
- 74 Tela submucosa
- 75 Tunica mucosa
 - 76 Lam. muscularis mucosae
- 77 Gl. oesophageae

78 Ventriculus

[Gaster]

- 79 Paries anterior
- 80 Paries posterior

41	(Bucca pharyngea)
42	Recessus pharyngeus
43	M. stylopharyngeus
44	Processus pharyngealis
45	Tunica muscosa
46	Gl. pharyngea
47	Tonsilla pharyngea
48	Fossula tonsillaris
49	Tela submucosa
50	Tunica muscularis pharyngea
51	Raphe pharyngea
52	Raphe pharyngobulbaris
53	M. constrictor pharyngeus superior
54	M. pharyngopharyngeus
55	M. buccopharyngeus
56	M. mylopharyngeus
57	M. glossopharyngeus
58	M. calyptropharyngeus
59	M. constrictor pharyngeus medius
60	M. constrictor pharyngeus
61	M. constrictor pharyngeus inferior
62	M. thyropharyngeus
63	M. cricopharyngeus

64. TUBUS DIGESTORIUS

65. Oesophagus

66	Part cervicalis
67	Part thoracalis
68	Part abdominalis
69	Tunica adventitia
70	Tunica muscularis
71	M. cricopharyngeus
72	M. pharyngopharyngeus
73	Tela submucosa
74	Tunica muscosa
75	Part muscularis muscosa
76	Gl. oesophagica

77. Ventriculus

(Gastrum)

78	Partes anteriores
79	Partes posteriores

Musculi linguae

1	M. geniohyoideus
2	M. hyoideus
3	M. chondrohyoideus
4	M. stylohyoideus
5	M. longitudoinalis superior
6	M. longitudoinalis inferior
7	M. transversus linguae
8	M. verticalis linguae

10. Fauces

1	Isthmus faucium
2	Velum palatinum
3	Uvula palatina
4	Arca palatina
5	Arca glossoepiglottica
6	Arca pharyngopala-
7	Plica epiglottica
8	Tonsilla palatina
9	Fossula tonsillaris
10	Glans tonsillaris
11	Plica triangul-
12	Fossa supratonsillaris

23. Musculi palati et laryngis

1	M. levator veli palatini
2	M. tensor veli palatini
3	M. uvulae
4	M. glossoepiglotticus
5	M. pharyngopala-

29. PHARYNX

1	Cavum pharyngeum
2	Forix pharyngea
3	Part nasalis
4	Part oralis
5	Part laryngea
6	Cavum pharyngeum tubos
7	36. Ladius anterior
8	37. Ladius posterior
9	38. Tonus tubarius
10	Plica epiglottica
11	Recessus pharyngeus (Recessus)

- 1 Curvatura ventriculi major
- 2 Curvatura ventriculi minor
- 3 Cardia
- 4 Fundus ventriculi
- 5 Corpus ventriculi
- 6 Pylorus
- 7 Pars cardiaca
- 8 Pars pylorica
- 9 (Antrum cardiacum)
- 10 Antrum pyloricum
- 11 Tunica serosa
- 12 Tunica muscularis
 - 13 Stratum longitudinale
 - 14 Ligg. pylori
 - 15 Stratum circulare
 - 16 M. sphincter pylori
 - 17 Fibrae obliquae
- 18 Valvula pylori
- 19 Tela submucosa
- 20 Tunica mucosa
 - 21 Lam. muscularis mucosae
- 22 Areae gastricae
- 23 Plicae villosae
- 24 Foveolae gastricae
- 25 Glándulae gastricae [propriae]
- 26 Glándulae pyloricae
- 27 Noduli lymphatici gastrici
- 28 Succus gastricus
- 29 Intestinum tenue
- 30 Tunica serosa
- 31 Tunica muscularis
 - 32 Stratum longitudinale
 - 33 Stratum circulare
- 34 Tela submucosa
- 35 Tunica mucosa
 - 36 Lam. muscularis mucosae
- 37 Plicae circulares [Kerkringi]
- 38 Villi intestinales
- 39 Gl. intestinales [Lieberkuehni]
- 40 Noduli lymphatici solitarii
- 41 Noduli lymphatici aggregati [Peyeri]
- 42 Chymus
- 43 Chylus
- 44 Succus entericus
- 45 Duodenum
- 46 Pars superior
- 47 Pars descendens
- 48 Pars inferior
 - 49 Pars horizontalis [inferior]
 - 50 Pars ascendens
- 51 Flexura duodeni superior
- 52 Flexura duodeni inferior
- 53 Flexura duodenojejunalis
- 54 M. suspensorius duodeni
- 55 Plica longitudinalis duodeni
- 56 Papilla duodeni [Santerini]
- 58 Intestinum tenue mesenteriale
- 59 Intestinum jejunum
- 60 Intestinum ileum
- 61 Intestinum crassum
- 62 Intestinum caecum
- 63 Valvula coli
 - 64 Labium superius
 - 65 Labium inferius
 - 66 Frenula valvulae coli
- 67 Processus vermiformis
- 68 (Valvula processus vermiformis)
- 69 Noduli aggregati processus vermiformis
- 70 Colon
- 71 Colon ascendens
- 72 Flexura coli dextra
- 73 Colon transversum
- 74 Flexura coli sinistra
- 75 Colon descendens
- 76 Colon sigmoideum
- 77 Plicae semilunares coli
- 78 Haustra coli
- 79 Tunica serosa
- 80 Appendices epiploicae
- 81 Tunica muscularis
- 82 Taeniae coli

42	Corvus
43	Corvus
44	Corvus
45	Corvus
46	Corvus
47	Corvus
48	Corvus
49	Corvus
50	Corvus
51	Corvus
52	Corvus
53	Corvus
54	Corvus
55	Corvus
56	Corvus
57	Corvus
58	Corvus
59	Corvus
60	Corvus
61	Corvus
62	Corvus
63	Corvus
64	Corvus
65	Corvus
66	Corvus
67	Corvus
68	Corvus
69	Corvus
70	Corvus
71	Corvus
72	Corvus
73	Corvus
74	Corvus
75	Corvus
76	Corvus
77	Corvus
78	Corvus
79	Corvus
80	Corvus
81	Corvus
82	Corvus
83	Corvus
84	Corvus
85	Corvus
86	Corvus
87	Corvus
88	Corvus
89	Corvus
90	Corvus
91	Corvus
92	Corvus
93	Corvus
94	Corvus
95	Corvus
96	Corvus
97	Corvus
98	Corvus
99	Corvus
100	Corvus

1	Corvus
2	Corvus
3	Corvus
4	Corvus
5	Corvus
6	Corvus
7	Corvus
8	Corvus
9	Corvus
10	Corvus
11	Corvus
12	Corvus
13	Corvus
14	Corvus
15	Corvus
16	Corvus
17	Corvus
18	Corvus
19	Corvus
20	Corvus
21	Corvus
22	Corvus
23	Corvus
24	Corvus
25	Corvus
26	Corvus
27	Corvus
28	Corvus
29	Corvus
30	Corvus
31	Corvus
32	Corvus
33	Corvus
34	Corvus
35	Corvus
36	Corvus
37	Corvus
38	Corvus
39	Corvus
40	Corvus
41	Corvus
42	Corvus
43	Corvus
44	Corvus
45	Corvus
46	Corvus
47	Corvus
48	Corvus
49	Corvus
50	Corvus
51	Corvus
52	Corvus
53	Corvus
54	Corvus
55	Corvus
56	Corvus
57	Corvus
58	Corvus
59	Corvus
60	Corvus
61	Corvus
62	Corvus
63	Corvus
64	Corvus
65	Corvus
66	Corvus
67	Corvus
68	Corvus
69	Corvus
70	Corvus
71	Corvus
72	Corvus
73	Corvus
74	Corvus
75	Corvus
76	Corvus
77	Corvus
78	Corvus
79	Corvus
80	Corvus
81	Corvus
82	Corvus
83	Corvus
84	Corvus
85	Corvus
86	Corvus
87	Corvus
88	Corvus
89	Corvus
90	Corvus
91	Corvus
92	Corvus
93	Corvus
94	Corvus
95	Corvus
96	Corvus
97	Corvus
98	Corvus
99	Corvus
100	Corvus

- 1 Taenia mesocolica
- 2 Taenia omentalis
- 3 Taenia libera
- 4 Tela submucosa
- 5 Tunica mucosa
 - 6 Lam. muscularis mucosae
- 7 Gl. intestinales [Lieberkuehni]
- 8 Noduli lymphatici solitarii
- 9 Intestinum rectum
 - 10 Flexura sacralis
 - 11 Flexura perinealis
 - 12 Ampulla recti
 - 13 Tunica muscularis
 - 14 M. sphincter ani internus
 - 15 M. rectococcygeus
 - 16 Tela submucosa
 - 17 Tunica mucosa
 - 18 Lam. m. mucosae
 - 19 Gl. intestinales [Lieberkuehni]
 - 20 Noduli lymphatici
 - 21 Plicae transversales recti
 - 22 Pars analis recti
 - 23 Columnae rectales [Morgagnii]
 - 24 Sinus rectales
 - 25 Annulus haemorrhoidalis
- 26 PANCREAS
 - 27 Caput pancreatis
 - 28 Processus uncinatus [Pancreas] [Winslowi]
 - 29 Incisura pancreatis
 - 30 Corpus pancreatis
 - 31 Facies anterior
 - 32 Facies posterior
 - 33 Facies inferior
 - 34 Margo superior
 - 35 Margo anterior
 - 36 Margo posterior
 - 37 Tuber omentale
 - 38 Cauda pancreatis
 - 39 Ductus pancreaticus [Wirsung]
 - 40 Ductus pancreaticus accessorius [Santerini]
 - 41 (Pancreas accessorium)
 - 42 Succus pancreaticus
 - 43 HEPAR
 - 44 Facies superior
 - 45 Facies posterior
 - 46 Facies inferior
 - 47 Margo anterior
 - 48 Incisura umbilicalis
 - 49 Fossae sagittales dextrae
 - 50 Fossa vesicae felleae
 - 51 Fossa venae cavae
 - 52 Fossa sagittalis sinistra
 - 53 Fossa venae umbilicalis
 - 54 Fossa ductus venosi
 - 55 Tunica serosa
 - 56 Lig. teres hepatis
 - 57 Lig. venosum [Arantii]
 - 58 Porta hepatis
 - 59 Lobus hepatis dexter
 - 60 Lobus quadratus
 - 61 Lobus caudatus [Spigellii]
 - 62 Processus papillaris
 - 63 Processus caudatus
 - 64 Lobus hepatis sinister
 - 65 (Appendix fibrosa hepatis)
 - 66 Impressio cardiaca
 - 67 Tuber omentale
 - 68 Impressio oesophagea
 - 69 Impressio gastrica
 - 70 Impressio duodenalis
 - 71 Impressio colica
 - 72 Impressio renalis
 - 73 Impressio suprarenalis
 - 74 Lobuli hepatis
 - 75 Capsula fibrosa [Glissoni]
 - 76 Rami arteriosi interlobulares
 - 77 Venae interlobulares
 - 78 Venae centrales

- | | |
|--------------------------------------|---|
| 1 Ductus biliferi | 18 LIEN |
| 2 Ductus interlobulares | 19 Facies diaphragmatica |
| 3 Ductus hepaticus | 20 Facies renalis |
| 4 Vasa aberrantia hepatis | 21 Facies gastrica |
| 5 Fel Bilis | 22 Extremitas superior |
| 6 Vesica fellea | 23 Extremitas inferior |
| 7 Fundus vesicae felleae | 24 Margo posterior |
| 8 Corpus vesicae felleae | 25 Margo anterior |
| 9 Collum vesicae felleae | 26 Hilus lienis |
| 10 Ductus cysticus | 27 Tunica serosa |
| 11 Tunica serosa vesicae felleae | 28 Tunica albuginea |
| 12 Tunica muscularis vesicae felleae | 29 Trabeculae lienis |
| 13 Tunica mucosa vesicae felleae | 29 Trabeculae lienis |
| 14 Plicae tun. mucosae v. felleae | 30 Pulpa lienis |
| 15 Valvula spiralis [Heisteri] | 31 Rami lienales [arteriae lienalis] |
| 16 Ductus choledochus | 32 Penicilli |
| 17 Gl. mucosae biliosae | 33 Noduli lymphatici lienales [Malpighii] |
| | 34 (Lien accessorius) |

33 APPARATUS RESPIRATORIUS

36 CAVUM NASI

- | | |
|---|--------------------------------|
| 37 Nares | 55 Atrium meatus medii |
| 38 Choanae | 57 Meatus nasi inferior |
| 39 Septum nasi | 58 Meatus nasi communis |
| 40 Septum cartilagineum | 59 Meatus nasopharyngeus |
| 41 Septum membranaceum | 60 Regio respiratoria |
| 42 Vestibulum nasi | 61 Regio olfactoria |
| 43 Limen nasi | 62 Gl. olfactoriae |
| 44 Sulcus olfactorius | 63 Sinus paranasales |
| 45 (Concha nasalis suprema [Santorini]) | 64 Sinus maxillaris [Highmori] |
| 46 Concha nasalis superior | 65 Sinus sphenoidalis |
| 47 Concha nasalis media | 66 Sinus frontalis |
| 48 Concha nasalis inferior | 67 Cellulae ethmoidales |
| 49 Membrana mucosa nasi | 68 Bulla ethmoidalis |
| 50 Plexus cavernosi concharum | 69 Infundibulum ethmoidale |
| 51 Agger nasi | 70 Hiatus semilunaris |
| 52 Recessus sphenoethmoidalis | 71 Gl. nasales |
| 53 Meatus nasi | 72 NASUS EXTERNUS |
| 54 Meatus nasi superior | 73 Basis nasi |
| 55 Meatus nasi medius | 74 Radix nasi |

- 1 Dorsum nasi
- 2 Margo nasi
- 3 Apex nasi
- 4 Ala nasi
- 5 Septum mobile nasi
- 6 *S a r t i l a g i n e s n a s i*
- 7 Cartilago septi nasi
 - 8 Processus sphenoidalis septi cartilaginei
- 9 Cartilago nasi lateralis
- 10 Cartilago alaris major
 - 11 Crus mediale
 - 12 Crus laterale
- 13 Cartilagine alares minores
- 14 Cartilagine sesamoideae nasi
- 15 Organon vomeronasale [Jacobsoni]
- 16 Cartilago vomeronasalis [Jacobsoni]
- 17 (Ductus incisivus)
- 18 LARYNX
- 19 Prominentia laryngea
- 20 *C a r t i l a g i n e s l a r y n g i s*
- 21 Cartilago thyreoidea
 - 22 Lamina [dextra et sinistra]
 - 23 Incisura thyreoidea superior
 - 24 Incisura thyreoidea inferior
 - 25 Tuberculum thyreoideum superius
 - 26 Tuberculum thyreoideum inferius
 - 27 (Linea obliqua)
 - 28 Cornu superius
 - 29 Cornu inferius
 - 30 (Foramen thyreoideum)
- 31 Lig. hyothyreoideum laterale
- 32 Cartilago triticea
- 33 Lig. hyothyreoideum medium
- 34 Membrana hyothyreoidea
- 35 Cartilago cricoidea
 - 36 Arcus [cartilaginis cricoideae]
- 37 Lamina [cartilaginis cricoideae]
- 38 Facies articularis arytaenoidea
- 39 Facies articularis thyreoidea
- 40 Articulatio cricothyreoidea
- 41 Capsula articularis cricothyreoidea
- 42 Ligg. ceratocricoidea lateralia
- 43 Lig. ceratocricoideum anterius
- 44 Ligg. ceratocricoidea posteriora
- 45 Lig. cricothyreoideum [medium]
- 46 Lig. cricotracheale
- 47 Cartilago arytaenoidea
 - 48 Facies articularis
 - 49 Basis [cartilaginis arytaenoideae]
 - 50 Crista arcuata
 - 51 Colliculus
 - 52 Fovea oblonga
 - 53 Fovea triangularis
 - 54 Apex [cartilaginis arytaenoideae]
 - 55 Processus vocalis
 - 56 Processus muscularis
- 57 Cartilago corniculata [Santorini]
- 58 Synchondrosis arycorniculata
- 59 Articulatio cricoarytaenoidea
- 60 Lig. cricopharyngeum
- 61 Lig. corniculopharyngeum
- 62 Lig. ventriculare
- 63 Lig. vocale
- 64 (Cartilago sesamoidea)
- 65 Capsula articularis cricoarytaenoidea
- 66 Lig. cricoarytaenoideum posterius
- 67 Epiglottis
 - 68 Petiolus epiglottidis
 - 69 Tuberculum epiglotticum
 - 70 Cartilago epiglottica
 - 71 Lig. thyreoepiglotticum
 - 72 Lig. hyoepiglotticum
 - 73 Cartilago cuneiformis [Wrisbergi]
 - 74 Tuberculum cuneiformis [Wrisbergi]
 - 75 Tuberculum corniculatum [Santorini]
 - 76 Musculi laryngis
 - 77 M. aryepiglotticus
 - 78 M. cricothyreoideus
 - 79 Pars recta

- 40 *Asplenium trichomanes*
41 *Asplenium trichomanes*
42 *Asplenium trichomanes*
43 *Asplenium trichomanes*
44 *Asplenium trichomanes*
45 *Asplenium trichomanes*
46 *Asplenium trichomanes*
47 *Asplenium trichomanes*
48 *Asplenium trichomanes*
49 *Asplenium trichomanes*
50 *Asplenium trichomanes*
51 *Asplenium trichomanes*
52 *Asplenium trichomanes*
53 *Asplenium trichomanes*
54 *Asplenium trichomanes*
55 *Asplenium trichomanes*
56 *Asplenium trichomanes*
57 *Asplenium trichomanes*
58 *Asplenium trichomanes*
59 *Asplenium trichomanes*
60 *Asplenium trichomanes*
61 *Asplenium trichomanes*
62 *Asplenium trichomanes*
63 *Asplenium trichomanes*
64 *Asplenium trichomanes*
65 *Asplenium trichomanes*
66 *Asplenium trichomanes*
67 *Asplenium trichomanes*
68 *Asplenium trichomanes*
69 *Asplenium trichomanes*
70 *Asplenium trichomanes*
71 *Asplenium trichomanes*
72 *Asplenium trichomanes*
73 *Asplenium trichomanes*
74 *Asplenium trichomanes*
75 *Asplenium trichomanes*
76 *Asplenium trichomanes*
77 *Asplenium trichomanes*
78 *Asplenium trichomanes*
79 *Asplenium trichomanes*
80 *Asplenium trichomanes*
81 *Asplenium trichomanes*
82 *Asplenium trichomanes*
83 *Asplenium trichomanes*
84 *Asplenium trichomanes*
85 *Asplenium trichomanes*
86 *Asplenium trichomanes*
87 *Asplenium trichomanes*
88 *Asplenium trichomanes*
89 *Asplenium trichomanes*
90 *Asplenium trichomanes*
91 *Asplenium trichomanes*
92 *Asplenium trichomanes*
93 *Asplenium trichomanes*
94 *Asplenium trichomanes*
95 *Asplenium trichomanes*
96 *Asplenium trichomanes*
97 *Asplenium trichomanes*
98 *Asplenium trichomanes*
99 *Asplenium trichomanes*
100 *Asplenium trichomanes*

- 101 *Asplenium trichomanes*
102 *Asplenium trichomanes*
103 *Asplenium trichomanes*
104 *Asplenium trichomanes*
105 *Asplenium trichomanes*
106 *Asplenium trichomanes*
107 *Asplenium trichomanes*
108 *Asplenium trichomanes*
109 *Asplenium trichomanes*
110 *Asplenium trichomanes*
111 *Asplenium trichomanes*
112 *Asplenium trichomanes*
113 *Asplenium trichomanes*
114 *Asplenium trichomanes*
115 *Asplenium trichomanes*
116 *Asplenium trichomanes*
117 *Asplenium trichomanes*
118 *Asplenium trichomanes*
119 *Asplenium trichomanes*
120 *Asplenium trichomanes*
121 *Asplenium trichomanes*
122 *Asplenium trichomanes*
123 *Asplenium trichomanes*
124 *Asplenium trichomanes*
125 *Asplenium trichomanes*
126 *Asplenium trichomanes*
127 *Asplenium trichomanes*
128 *Asplenium trichomanes*
129 *Asplenium trichomanes*
130 *Asplenium trichomanes*
131 *Asplenium trichomanes*
132 *Asplenium trichomanes*
133 *Asplenium trichomanes*
134 *Asplenium trichomanes*
135 *Asplenium trichomanes*
136 *Asplenium trichomanes*
137 *Asplenium trichomanes*
138 *Asplenium trichomanes*
139 *Asplenium trichomanes*
140 *Asplenium trichomanes*
141 *Asplenium trichomanes*
142 *Asplenium trichomanes*
143 *Asplenium trichomanes*
144 *Asplenium trichomanes*
145 *Asplenium trichomanes*
146 *Asplenium trichomanes*
147 *Asplenium trichomanes*
148 *Asplenium trichomanes*
149 *Asplenium trichomanes*
150 *Asplenium trichomanes*

1 Pars obliqua

- 2 M. cricoarytaenoideus posterior
- 3 (M. ceratocriccoideus)
- 4 M. cricoarytaenoideus lateralis
- 5 M. ventricularis
- 6 M. vocalis
- 7 M. thyreoepiglotticus
- 8 M. thyreoarytaenoideus [externus]
- 9 M. arytaenoideus obliquus
- 10 M. arytaenoideus transversus

11 Cavum laryngis

- 12 Vallecula epiglottica
- 13 Aditus laryngis
- 14 Vestibulum laryngis
- 15 Rima vestibuli
- 16 Labium vocale
- 17 Glottis
- 18 Rima glottidis
- 19 Pars intermembranacea
- 20 Pars intercartilaginea
- 21 Ventriculus laryngis [Morgagnii]
- 22 Appendix ventriculi laryngis
- 23 Tunica mucosa laryngis
- 24 Membrana elastica laryngis
- 25 Conus elasticus
- 26 Plica glossoepiglottica mediana
- 27 Plica glossoepiglottica lateralis
- 28 Plica aryepiglottica
- 29 Plica nervi laryngei
- 30 Plica ventricularis
- 31 Plica vocalis
- 32 Macula flava
- 33 Aditus glottidis inferior
- 34 Aditus glottidis superior
- 35 Incisura interarytaenoidea
- 36 Gl. laryngeae
- 37 Gl. laryngeae anteriores
- 38 Gl. laryngeae mediae
- 39 Gl. laryngeae posteriores
- 40 Noduli lymphatici laryngei

41 TRACHEA ET BRONCHI

- 42 Cartilagines tracheales
- 43 Ligg. annularia [trachealia]
- 44 Paries membranacea
- 45 Gl. tracheales
- 46 Bifurcatio tracheae
- 47 Branchus [dexter et sinister]
- 48 Rami bronchiales
- 49 Ramus bronchialis eparterialis
- 50 Rami bronchiales hyparteriales
- 51 Tunica muscularis
- 52 Tela submucosa
- 53 Tunica mucosa
- 54 Gl. tracheales
- 55 Gl. bronchiales

56 PULMO

- 57 Basis pulmonis
- 58 Apex pulmonis
- 59 Sulcus subclavius
- 60 Facies costalis
- 61 Facies mediastinalis
- 62 Facies diaphragmatica
- 63 Margo anterior
- 64 Margo inferior
- 65 Hilus pulmonis
- 66 Radix pulmonis
- 67 Incisura cardiaca
- 68 Lobus superior
- 69 Lobus medius
- 70 Lobus inferior
- 71 Incisura interlobaris
- 72 Lobuli pulmonum
- 73 Rami bronchiales
- 74 Bronchioli
- 75 Bronchioli respiratorii
- 76 Ductuli alveolares
- 77 Alveoli pulmonum
- 78 Lymphoglandulae bronchiales
- 79 Noduli lymphatici bronchiales
- 80 Lymphoglandulae pulmonales

41 TRACHEA ET BRONCHI

42	Cartilagine tracheales
43	Lig. annularis [trachealis]
44	Partes membranaceae
45	Gl. tracheales
46	Bifurcatio tracheae
47	Bronchus [dexter et sinister]
48	Rami bronchiales
49	Ramus bronchialis opercularis
50	Rami bronchiales pyramidalis
51	Tunica muscularis
52	Tela submucosa
53	Tunica mucosa
54	Gl. tracheales
55	Gl. bronchiales
56	PULMO
57	Basia pulmonis
58	Apex pulmonis
59	Sulcus subcarinalis
60	Facies costalis
61	Facies mediastinalis
62	Facies diaphragmatica
63	Margo anterior
64	Margo inferior
65	Hilus pulmonis
66	Radix pulmonis
67	Induratio cartilaginea
68	Lobus superior
69	Lobus medius
70	Lobus inferior
71	Induratio interlobaria
72	Lobulus pulmonum
73	Rami bronchiales
74	Bronchialis
75	Bronchialis respiratoria
76	Arteriola alveolaris
77	Alveoli pulmonum
78	Lymphoglandulae bronchiales
79	Noduli lymphatici bronchiales
80	Lymphoglandulae pulmonales

1 Pars obliqua

81	M. cricothyroideus posterior
82	(M. cricothyroideus)
83	M. cricothyroideus lateralis
84	M. ventriculatus
85	M. vocalis
86	M. thyroepiglotticus
87	M. thyrocricoideus [externus]
88	M. cricothyroideus obliquus
89	M. cricothyroideus transversus
90	M. cricothyroideus transversus
91	Cavum laryngis
92	Valliscula epiglottica
93	Aditus laryngis
94	Vestibulum laryngis
95	Rima vestibuli
96	Labiolum vocale
97	Glottis
98	Rima glottidis
99	Pars intermembranaea
100	Pars intercartilaginea
101	Ventriculus laryngis [Morgagnii]
102	Appendix ventriculi laryngis
103	Tunica mucosa laryngis
104	Membrana elastica laryngis
105	Conus elasticus
106	Plica glossopiglottica mediana
107	Plica glossopiglottica lateralis
108	Plica aryepiglottica
109	Plica nervi laryngis
110	Plica ventriculorum
111	Plica vocalis
112	Macula flava
113	Aditus glottidis inferior
114	Aditus glottidis superior
115	Induratio interarytenoidea
116	Gl. laryngeae
117	Gl. laryngeae anteriores
118	Gl. laryngeae mediae
119	Gl. laryngeae posteriores
120	Noduli lymphatici laryngis

1 CAVUM THORACIS

- 2 Fascia endothoracica
- 3 C a v u m p l e u r a e
- 4 Pleura
 - 5 Cupula pleurae
 - 6 Pleura pulmonalis
 - 7 Pleura parietalis
 - 8 Pleura mediastinalis
 - 9 Laminae mediastinales
 - 10 Pleura pericardiaca
 - 11 Pleura costalis
 - 12 Pleura diaphragmatica
- 13 Sinus pleurae
 - 14 Sinus phrenicocostalis
 - 15 Sinus costomediastinalis
- 16 Lig. pulmonale
- 17 Plicae adiposae
- 18 Villi pleurales
- 19 Septum mediastinale

- 20 Cavum mediastinale anterius
- 21 Cavum mediastinale posterius

22 GL. THYREOIDEA

- 23 Isthmus gl. thyreoideae
- 24 (Lobus pyramidalis)
- 25 Lobus [dexter et sinister]
- 26 Lobuli gl. thyreoideae
- 27 Stroma gl. thyreoideae
- 28 (Gl. thyreoideae accessoriae)
 - 29 (Gl. thyreoidea accessoria supra-hyoidea)

30 GLOMUS CAROTICUS

31 THYMUS

- 32 Lobus [dexter et sinister]
- 33 Tractus centralis
- 34 Lobuli thymi

35 APPARATUS UROGENITALIS

36 ORGANA UROPOETICA

37 Ren

- 38 Margo lateralis
- 39 Margo medialis
 - 40 Hilus renalis
 - 41 Sinus renalis
- 42 Facies anterior
- 43 Facies posterior
- 44 Extremitas superior
- 45 Extremitas inferior
 - 46 (Impressio muscularis)
 - 47 (Impressio hepatica)
 - 48 (Impressio gastrica)
- 49 Capsula adiposa
- 50 Tunica fibrosa
- 51 Tunica muscularis
- 52 Tubuli renales
 - 53 Tubuli renales contorti

54 Tubuli renales recti

- 55 Substantia corticalis
- 56 Substantia medullaris
- 57 Lobi renales
- 58 Pyramides renales [Malpighii]
- 59 Basis pyramidis
- 60 Papillae renales
- 61 Area cribrosa
- 62 Foramina papillaria
- 63 Columnae renales [Bertini]
- 64 Lobuli corticales
 - 65 Pars radiata [Processus Ferreini]
 - 66 Pars convoluta
- 67 Corpuscula renis [Malpighii]
- 68 Glomerula
 - 69 Capusla glomeruli
- 70 P e l v i s r e n a l i s
- 71 Calyces renales

30	Cavum mediastinale anterius
31	Cavum mediastinale posterius
32	CL. THYROIDEA
33	Lobulus d. thyroideus
34	(Lobus pyramidalis)
35	Lobus [lobus et sinister]
36	Lobulus d. thyroideus
37	Lobulus d. thyroideus
38	(d. thyroideus accessorius)
39	(d. thyroideus accessorius eury-
	thyoides)
30	GLANDULA GASTROICA
31	THYMUS
32	Lobus [lobus et sinister]
33	THYMUS
34	Lobulus d. thyroideus

1	CAVUM THORACIS
2	Pleura endosternalis
3	Cavum pleurae
4	Pleura
5	Cupula pleurae
6	Pleura parietalis
7	Pleura parietalis
8	Pleura mediastinalis
9	Laminae mediastinales
10	Pleura pericardialis
11	Pleura costalis
12	Pleura diaphragmatica
13	Sinus pleurae
14	Sinus phrenicocostalis
15	Sinus costomediastinalis
16	Lac. pulmonalis
17	Fissura adiposa
18	Villa pleuralis
19	Septum mediastinale

35 APPARATUS UROGENITALIS

35	ORGANA UROGENITALIA
36	Uterus
37	Uterus
38	Uterus
39	Uterus
40	Uterus
41	Uterus
42	Uterus
43	Uterus
44	Uterus
45	Uterus
46	Uterus
47	Uterus
48	Uterus
49	Uterus
50	Uterus
51	Uterus
52	Uterus
53	Uterus
54	Uterus
55	Uterus
56	Uterus
57	Uterus
58	Uterus
59	Uterus
60	Uterus
61	Uterus
62	Uterus
63	Uterus
64	Uterus
65	Uterus
66	Uterus
67	Uterus
68	Uterus
69	Uterus
70	Uterus
71	Uterus

35	ORGANA UROGENITALIA
36	Uterus
37	Uterus
38	Uterus
39	Uterus
40	Uterus
41	Uterus
42	Uterus
43	Uterus
44	Uterus
45	Uterus
46	Uterus
47	Uterus
48	Uterus
49	Uterus
50	Uterus
51	Uterus
52	Uterus
53	Uterus
54	Uterus
55	Uterus
56	Uterus
57	Uterus
58	Uterus
59	Uterus
60	Uterus
61	Uterus
62	Uterus
63	Uterus
64	Uterus
65	Uterus
66	Uterus
67	Uterus
68	Uterus
69	Uterus
70	Uterus
71	Uterus

- 1 Calyces renales majores
- 2 Calyces renales minores
- 3 Gl. pelvis renalis
 - 4 Arteriae renis
- 5 Aa. interlobares renis
 - 6 Arteriae arciformes
 - 7 Arteriae interlobulares
 - 8 Vas afferens
 - 9 Vas efferens
- 10 Rami capsulares
- 11 Arteriola rectae
- 12 Aa. nutriciae pelvis renalis
 - 13 Venae renis
- 14 Vv. interlobares
 - 15 Venae arciformes
 - 16 Venae interlobulares
 - 17 Venae interlobulares
 - 18 Venae stellatae
- 19 URETER
 - 20 Pars abdominalis
 - 21 Pars pelvina
 - 22 Tunica adventitia
 - 23 Tunica muscularis
 - 24 Stratum externum
 - 25 Stratum medium
 - 26 Stratum internum
 - 27 Tunica mucosa
 - 28 Gl. mucosae ureteris
- 29 VESICA URINARIA
 - 30 Vertex vesicae
 - 31 Corpus vesicae
 - 32 Fundus vesicae
 - 33 Lig. umbilicale medium
 - 34 Urachus^x
 - 35 Tunica serosa
 - 36 Tunica muscularis
 - 37 Stratum externum
 - 38 Stratum medium
 - 39 Stratum internum
 - 40 M. pubovesicalis
 - 41 M. rectovesicalis
 - 42 Tela submucosa
 - 43 Tunica mucosa
 - 44 Gl. vesicales
 - 45 Noduli lymphatici vesicales
 - 46 Trigonum vesicae [Lieutaudi]
 - 47 Uvula vesicae
 - 48 Plica ureterica
 - 49 Orificium ureteris
 - 50 Orificium urethrae internum
 - 51 Annulus urethralis
- 52 GLANDULA SUPRARENALIS
 - 53 Substantia corticalis
 - 54 Substantia medullaris
 - 55 Hilus gl. suprarenalis
 - 56 Facies anterior
 - 57 Facies posterior
 - 58 Basis gl. suprarenalis
 - 59 Apex suprarenalis [gl. dextrae]
 - 60 Margo superior
 - 61 Margo medialis
 - 62 Vena centralis
 - 63 (Gl. suprarenales accessoriae)
- 64 ORGANA GENITALIA
- 65 ORGANA GENITALIA VIRILIA
 - 66 Testis
 - 67 Extremitas superior
 - 68 Extremitas inferior
 - 69 Facies lateralis
 - 70 Facies medialis
 - 71 Margo anterior
 - 72 Margo posterior
 - 73 Tunica albuginea
 - 74 Mediastinum testis [Corpus Highmori]
 - 75 Septula testis

38	Stratum medium
39	Stratum internum
40	M. procerus
41	M. procerus
42	Tarsus superior
43	Tarsus superior
44	M. palpebralis
45	M. palpebralis
46	M. palpebralis
47	M. palpebralis
48	M. palpebralis
49	M. palpebralis
50	M. palpebralis
51	M. palpebralis

52	Stratum medium
53	Stratum internum
54	M. procerus
55	M. procerus
56	Tarsus superior
57	Tarsus superior
58	M. palpebralis
59	M. palpebralis
60	M. palpebralis
61	M. palpebralis
62	M. palpebralis
63	M. palpebralis

OPHTHALMOLOGY

OPHTHALMOLOGY

OPHTHALMOLOGY

64	Stratum medium
65	Stratum internum
66	M. procerus
67	M. procerus
68	Tarsus superior
69	Tarsus superior
70	M. palpebralis
71	M. palpebralis
72	M. palpebralis
73	M. palpebralis
74	M. palpebralis
75	M. palpebralis

1	Stratum medium
2	Stratum internum
3	M. procerus

OPHTHALMOLOGY

4	Stratum medium
5	Stratum internum
6	M. procerus
7	M. procerus
8	Tarsus superior
9	Tarsus superior
10	M. palpebralis
11	M. palpebralis
12	M. palpebralis

OPHTHALMOLOGY

13	Stratum medium
14	Stratum internum
15	M. procerus
16	M. procerus
17	Tarsus superior
18	Tarsus superior
19	M. palpebralis
20	M. palpebralis

OPHTHALMOLOGY

21	Stratum medium
22	Stratum internum
23	M. procerus
24	M. procerus
25	Tarsus superior
26	Tarsus superior
27	M. palpebralis
28	M. palpebralis
29	M. palpebralis
30	M. palpebralis

OPHTHALMOLOGY

31	Stratum medium
32	Stratum internum
33	M. procerus
34	M. procerus
35	Tarsus superior
36	Tarsus superior
37	M. palpebralis
38	M. palpebralis
39	M. palpebralis
40	M. palpebralis

- 1 Lobuli testis
- 2 Parenchyma testis
- 3 Tubuli seminiferi contorti
- 4 Tubuli seminiferi recti
 - 5 Tunica propria
- 6 Rete testis [Halleri]
- 7 Ductuli efferentes testis
- 8 Sperma [Semen]
- 9 Epididymis
- 10 Caput epididymidis
- 11 Corpus epididymidis
- 12 Cauda epididymidis
- 13 Lobuli epididymidis
- 14 Ductus epididymidis
- 15 Ductuli aberrantes
- 16 (Ductulus aberrans superior)
- 17 Appendices testis
 - 18 Appendix testis [Morgagnii]
 - 19 (Appendix epididymis)
- 20 Paradiidymis
- 21 Ductus deferens
- 22 Ampulla ductus deferentis
 - 23 Diverticula ampullae
 - 24 Tunica adventitia
 - 25 Tunica muscularis
 - 26 Stratum externum
 - 27 Stratum medium
 - 28 Stratum internum
 - 29 Tunica mucosa
- 30 Ductus ejaculatorius
 - 31 Vesicula seminalis
 - 32 Corpus vesiculae seminalis
 - 33 Tunica adventitia
 - 34 Tunica muscularis
 - 35 Tunica mucosa
 - 36 Ductus excretorius
 - 37 Funiculus spermaticus et tunicae testis et funiculi spermatici
 - 38 (Rudimentum processus vaginalis)
- 39 Tunica vaginalis propria testis
 - 40 Lamina parietalis
 - 41 Lamina visceralis
- 42 Lig. epididymidis superius
- 43 Lig. epididymidis inferius
- 44 Sinus epididymidis
- 45 Tunica vaginalis communis [testis; et funiculi spermatici]
- 46 M. cremaster
- 47 Fascia cremasterica [Cooperi]
- 48 Descensus testis^x
- 49 Gubernaculum testis [Hunteri]^x
- 50 Prostata
 - 51 Basis prostatae
 - 52 Apex prostatae
 - 53 Facies anterior
 - 54 Facies posterior
 - 55 Lobus [dexter et sinister]
 - 56 Isthmus prostatae
 - 57 (Lobus medius)
 - 58 Corpus glandulare
 - 60 Succus prostaticus
 - 61 M. prostaticus
 - 62 Glandula bulbourethralis [Cowperi]
 - 63 Corpus gl. bulbourethralis
 - 64 Ductus excretorius
- 65 PARTES GENITALES EXTERNAE
 - 66 PENIS
 - 67 Radix penis
 - 68 Corpus penis
 - 69 Crus penis
 - 70 Dorsum penis
 - 71 Facies urethralis
 - 72 Glans penis
 - 73 Corona glandis
 - 74 Septum glandis
 - 75 Collum glandis

35	London vegetable products section
36	London vegetable products section
37	London vegetable products section
38	London vegetable products section
39	London vegetable products section
40	London vegetable products section
41	London vegetable products section
42	London vegetable products section
43	London vegetable products section
44	London vegetable products section
45	London vegetable products section
46	London vegetable products section
47	London vegetable products section
48	London vegetable products section
49	London vegetable products section
50	London vegetable products section

50. FISHES

51	Fish products section
52	Fish products section
53	Fish products section
54	Fish products section
55	Fish products section
56	Fish products section
57	Fish products section
58	Fish products section
59	Fish products section
60	Fish products section
61	Fish products section

62	Fish products section
63	Fish products section
64	Fish products section

65. FISHES AND FISH PRODUCTS

66	Fish products section
67	Fish products section
68	Fish products section
69	Fish products section
70	Fish products section
71	Fish products section
72	Fish products section
73	Fish products section
74	Fish products section
75	Fish products section

76	Fish products section
77	Fish products section
78	Fish products section
79	Fish products section
80	Fish products section
81	Fish products section
82	Fish products section
83	Fish products section
84	Fish products section
85	Fish products section
86	Fish products section
87	Fish products section
88	Fish products section
89	Fish products section
90	Fish products section
91	Fish products section
92	Fish products section
93	Fish products section
94	Fish products section
95	Fish products section
96	Fish products section
97	Fish products section
98	Fish products section
99	Fish products section
100	Fish products section

91. VEGETABLES

101	Vegetable products section
102	Vegetable products section
103	Vegetable products section
104	Vegetable products section
105	Vegetable products section
106	Vegetable products section
107	Vegetable products section
108	Vegetable products section
109	Vegetable products section
110	Vegetable products section
111	Vegetable products section
112	Vegetable products section
113	Vegetable products section
114	Vegetable products section
115	Vegetable products section
116	Vegetable products section
117	Vegetable products section
118	Vegetable products section
119	Vegetable products section
120	Vegetable products section

- 1 Praeputium
- 2 Frenulum praeputii
- 3 Raphe penis
- 4 Corpus cavernosum penis
- 5 Corpus cavernosum urethrae
- 6 Bulbus urethrae
 - 7 Hemisphaeria bulbi urethrae
 - 8 Septum bulbi urethrae
- 9 Tunica albuginea corporum cavernosorum
- 10 Septum penis
- 11 Trabeculae corporum cavernosorum
- 12 Cavernae corporum cavernosorum
- 13 Arteriae helicinae
- 14 Venae cavernosae
- 15 Lig. suspensorium penis
- 16 Fascia penis
- 17 Gl. praeputiales
- 18 Smegma praeputii
- 19 URETHRA VIRILIS
- 20 Pars prostatica
- 21 Crista urethralis
- 22 Colliculus seminalis
- 23 Utriculus prostaticus
- 24 Pars membranacea
- 25 Pars cavernosa
- 26 Rossa navicularis urethrae
 - [Morgagnii]
- 27 (Valvula fossae navicularis)
- 28 Orificium urethrae externum
- 29 Lacunae urethrales [Morgagnii]
- 30 Gl. urethrales [Littrei]
- 31 SCROTUM
- 32 Raphe scroti
- 33 Septum scroti
- 34 Tunica dartos
- 35 ORGANA GENTTALIA MULIEBRIA
- 36 Ovarium
- 37 Hilus ovarii
- 38 Facies medialis
- 39 Facies lateralis
- 40 Margo liber
- 41 Margo mesovaricus
- 42 Extremitas tubaria
- 43 Extremitas uterina
- 44 Stroma ovarii
- 45 Folliculi oophori primarii
- 46 Folliculi oophori vesiculosi [Graafi]
- 47 Theca folliculi
 - 48 Tunica externa
 - 49 Tunica interna
- 50 Liquor folliculi
- 51 Stratum granulosum
- 52 Cumulus oophorus
- 53 Ovulum
- 54 Corpus luteum
- 55 Corpus albicans
- 56 Lig. ovarii proprium
- 57 Tuba uterina [Fallopian]
- 58 Ostium abdominale tubae uterinae
- 59 Infundibulum tubae uterinae
- 60 Fimbriae tubae
 - 61 Fimbria ovarica
- 62 Ampulla tubae uterinae
- 63 Isthmus tubae uterinae
- 64 Pare uterina
- 65 Ostium uterinum tubae
- 66 Tunica serosa
- 67 Tunica adventitia
- 68 Tunica muscularis
 - 69 Stratum longitudinale
 - 70 Stratum circulare
- 71 Tela submucosa
- 72 Tunica muscosa
- 73 Plicae tubariae
 - 74 Plicae ampullares
 - 75 Plicae isthmicae
- 76 Uterus
- 77 Corpus uteri

37	Corpus uteri
36	Uterus
35	Corpus uteri
34	Corpus uteri
33	Corpus uteri
32	Corpus uteri
31	Corpus uteri
30	Corpus uteri
29	Corpus uteri
28	Corpus uteri
27	Corpus uteri
26	Corpus uteri
25	Corpus uteri
24	Corpus uteri
23	Corpus uteri
22	Corpus uteri
21	Corpus uteri
20	Corpus uteri
19	Corpus uteri
18	Corpus uteri
17	Corpus uteri
16	Corpus uteri
15	Corpus uteri
14	Corpus uteri
13	Corpus uteri
12	Corpus uteri
11	Corpus uteri
10	Corpus uteri
9	Corpus uteri
8	Corpus uteri
7	Corpus uteri
6	Corpus uteri
5	Corpus uteri
4	Corpus uteri
3	Corpus uteri
2	Corpus uteri
1	Corpus uteri

35	ORGANA CENTRALIA MULIERIA
34	Tunica interna
33	Corpus uteri
32	Corpus uteri
31	Corpus uteri
30	Corpus uteri
29	Corpus uteri
28	Corpus uteri
27	Corpus uteri
26	Corpus uteri
25	Corpus uteri
24	Corpus uteri
23	Corpus uteri
22	Corpus uteri
21	Corpus uteri
20	Corpus uteri
19	Corpus uteri
18	Corpus uteri
17	Corpus uteri
16	Corpus uteri
15	Corpus uteri
14	Corpus uteri
13	Corpus uteri
12	Corpus uteri
11	Corpus uteri
10	Corpus uteri
9	Corpus uteri
8	Corpus uteri
7	Corpus uteri
6	Corpus uteri
5	Corpus uteri
4	Corpus uteri
3	Corpus uteri
2	Corpus uteri
1	Corpus uteri

- 1 Fundus uteri
- 2 Margo lateralis
- 3 Facies vesicalis
- 4 Facies intestinalis
- 5 Cavum uteri
- 6 Orificium internum uteri
- 7 Cervix uteri
- 8 Portio supravaginalis [cervicis]
- 9 Portio vaginalis [cervicis]
- 10 Orificium externum uteri
 - 11 Labium anterius
 - 12 Labium posterius
- 13 Canalis cervicis uteri
- 14 Plicae palmatae
- 15 Gl. cervicales [uteri]
- 16 Perimetrium
- 17 Tunica serosa [Perimetrium]
- 18 Tunica muscularis
- 19 Tunica muscularis cervicis
- 20 Tunica mucosa
 - 21 Gl. uterinae
- 22 M. rectouterinus
- 23 Lig. teres uteri
- 24 (Processus vaginalis peritonaei)

25 Vagina

- 26 Fornix vaginae
- 27 Paries anterior
- 28 Paries posterior
- 29 Hymen femininus
- 30 Carunculae hymenales
- 31 Tunica muscularis
- 32 Tunica mucosa
- 33 Noduli lymphatici vaginales
- 34 Rugae vaginales
- 35 Columnae rugarum
 - 36 Columna rugarum posterior
 - 37 Columna rugarum anterior
 - 38 Carina urethralis [vaginae]

39 Epoophoron

- 40 Ductus epoophori longitudinalis [Gartneri]

- 41 Ductuli transversi
- 42 Appendices vesiculosi [Morgagnii]

43 Paraophoron

44 PARTES GENITALES EXTERNAE

- 45 Pudendum muliebre
- 46 Labium majus pudendi
- 47 Commissura labiorum anterior
- 48 Commissura labiorum posterior
- 49 Frenulum labiorum pudendi
- 50 Rima pudendi
- 51 Fossa navicularis [vestibuli vaginae]
- 52 Labium minus pudendi
- 53 Vestibulum vaginae
- 54 Bulbus vestibuli
- 55 Gl. sebaceae
- 56 Gl. vestibulares minores
- 57 Orificium vaginae

- 58 Gl. vestibularis major [Bartholini]

59 CLITORIS

- 60 Crus clitoridis
- 61 Corpus clitoridis
- 62 Glans clitoridis
- 63 Frenulum clitoridis
- 64 Praeputium clitoridis
- 65 Smegma clitoridis
- 66 Corpus cavernosum clitoridis
- 67 Septum corporum cavernosorum
- 68 Fascia clitoridis
- 69 Lig. suspensorium clitoridis

70 URETHRA MULIEBRIS

- 71 Orificium urethrae externum
- 72 Corpus spongiosum urethrae
- 73 Tunica muscularis
 - 74 Stratum circulare
 - 75 Stratum longitudinale
- 76 Tunica submucosa
- 77 Tunica mucosa

- 1 Gl. urethrales
- 2 Crista urethralis
- 3 (Ductus paraurethrales)
- 4 Terminologia ontogenetica
- 5 Membranae deciduae^x
 - 6 Decidua vera^x
 - 7 Decidua capsularis^x
 - 8 Decidua parietalis^x
- 9 Placenta^x
 - 10 Placenta uterina^x
 - 11 Placenta foetalis^x
- 12 Funiculus umbilicalis^x
- 13 Corpus Wolffii^x
- 14 Ductus Wolffii^x
- 15 Ductus Muelleri^x
- 16 Sinus urogenitalis^x

17 PERINEUM

- 18 Raphe perinei
- 19 Musculi perinei
- 20 Diaphragma pelvis
- 21 M. levator ani
 - 22 Arcus tendineus m. levatoris ani
- 23 M. coccygeus [vide p. 25]
- 24 M. sphincter ani externus
 - 25 Lig. anococcygeum
- 26 Fascia pelvis
 - 27 Fascia endopelvina
 - 28 Fascia diaphragmatis pelvis superior
 - 29 Arcus tendineus fasciae pelvis
 - 30 Lig. puboprostaticum [pubovesicale] medium
 - 31 Lig. puboprostaticum [pubovesicale] laterale
- 32 Fascia diaphragmatis pelvis inferior
- 33 Diaphragma urogenitale
 - 34 M. transversus perinei profundus
 - 35 M. sphincter urethrae membranaceae
 - 36 Fascia diaphragmatis urogenitalis superior
 - 37 Fascia diaphragmatis urogenitalis inferior

- 38 Lig. transversum pelvis
- 39 Fascia prostatae
- 40 Fascia obturatoria
- 41 Fossa ischiorectalis
- 42 M. transversus perinei superficialis
- 43 M. ischiocavernosus
- 44 M. bulbocavernosus
- 45 Fascia superficialis perinei

46 PERITONAEUM

- 47 Tunica serosa
- 48 Tela subserosa
- 49 Peritonaeum parietale
- 50 Peritonaeum viscerale
- 51 Cavum peritonei
- 52 Mesenterium commune^x
- 53 Mesenterium
 - 54 Radix mesenterii
- 56 Mesocolon
 - 57 Mesocolon transversum
 - 58 Mesocolon ascendens
 - 59 Mesocolon descendens
 - 60 Mesocolon sigmoideum
- 61 Mesorectum
- 62 Mesenteriolum processus vermiformis
- 63 Mesogastrium^x
- 64 Omentum minus
 - 65 Lig. hepatogastricum
 - 66 Lig. hepatoduodenale
 - 67 (Lig. hepatocolicum)
- 68 Lig. gastrolienale
- 69 Lig. gastrocolicum
- 70 Omentum majus
- 71 Bursa omentalis
 - 72 Vestibulum bursae omentalis
 - 73 Recessus superior omentalis
 - 74 Recessus inferior omentalis
 - 75 Recessus lienalis
 - 76 Plica gastropancreatica
 - 77 Foramen ipiploicum [Winslowi]

38	lig. transversum pelvis
39	Pars prostatica
40	Pars obstructiva
41	Pars ischioanal
42	M. transversus perinei superficialis
43	M. ischioanal
44	M. bulbospongiosus
45	Pars superficialis perinei
46	PERITONEUM
47	Tunica serosa
48	Tela subserosa
49	Peritoneum parietale
50	Peritoneum viscerale
51	Cavum peritonei
52	Mesenterium commune
53	Mesenterium
54	Radix mesenterii
55	Mesocolon
56	Mesocolon transversum
57	Mesocolon ascendens
58	Mesocolon descendens
59	Mesocolon sigmoideum
60	Mesenterium
61	Mesenterium processus
62	Mesenterium
63	Mesenterium
64	Mesenterium
65	lig. hepatoduodenale
66	lig. hepatocolica
67	lig. (lig. hepatocolica)
68	lig. gastrosplenicum
69	lig. gastrosplenicum
70	Gonum majus
71	Huxia omentalis
72	Vestibulum perineum omentalis
73	Recessus superior omentalis
74	Recessus inferior omentalis
75	Recessus lateralis
76	Foramen epiploicum (Winkel)
77	Foramen epiploicum (Winkel)

1	GI. urethralis
2	GI. urethralis
3	(Ductus parurethralis)
4	Termini cono generis
5	Membrana decidua
6	Decidua vera
7	Decidua capsularis
8	Decidua capsularis
9	Placenta
10	Placenta uterina
11	Placenta foetalis
12	Funiculus umbilicalis
13	Corpus Wolffii
14	Ductus Wolffii
15	Ductus Wolffii
16	Sinus urogenitalis
17	PERINEUM
18	Raphe perinei
19	Musculus perinei
20	Diphtheria pelvis
21	M. levator ani
22	Arvus tendens m. levatoris ani
23	M. coccygeus [vide p. 23]
24	M. sphincter ani externus
25	lig. anococcygeum
26	Pars pelvis
27	Pars anopelvis
28	Pars diaphragmatis pelvis
29	superior
30	Arvus tendens fasciae pelvis
31	lig. puboprostaticum
32	[pubovesicalis] medium
33	lig. puboprostaticum
34	[pubovesicalis] lateralis
35	Pars diaphragmatis pelvis inferior
36	Diphtheria
37	urogenitalis
38	M. transversus perinei profundus
39	M. sphincter urethrae membranaceus
40	Pars diaphragmatis urogenitalis
41	superior
42	Pars diaphragmatis urogenitalis inferior

- | | |
|-----------------------------------|--|
| 1 Lig. phrenicocolicum | 21 (Recessus phrenicohepatici) |
| 2 Lig. phrenicolienale | 22 Plica umbilicalis media |
| 3 Lig. falciforme hepatis | 23 Plica umbilicalis lateralis |
| 4 Lig. coronarium hepatis | 24 Plica epigastrica |
| 5 Lig. triangulare dextrum | 25 Plica pubovesicalis |
| 6 Lig. triangulare sinistrum | 26 Plica vesicalis transversa |
| 7 Lig. hepatorenale | 27 Mesorchium ^x |
| 8 (Lig. duodenorenale) | 28 Processus vaginalis peritonaei ^x |
| 9 Recessus duodenojejunalis | 29 Lig. latum uteri |
| 10 Plica duodenojejunalis | 30 Mesometrium |
| 11 (Plica duodenomesocolica) | 31 Mesosalpinx |
| 12 Recessus intersigmoideus | 32 Mesovarrium |
| 13 Recessus iliocaecalis superior | 33 Bursa ovarica |
| 14 Recessus iliocaecalis inferior | 34 Lig. suspensorium ovarii |
| 15 Plica iliocaecalis | 35 Plica rectouterina [Douglasi] |
| 16 Fossa caecalis | 36 Excavatio rectouterina [Cavum
Douglasi] |
| 17 Recessus retrocaecalis | 37 Excavatio vesicouterina |
| 18 Plica caecalis | 38 Excavatio rectovesicalis |
| 19 Recessus paracolici | 39 Spatium retroperitoneale |
| 20 (Fossa iliacosubfascialis) | |

32	(Processus phrenicohepatici)
33	Plica umbilicalis media
34	Plica umbilicalis lateralis
35	Plica epigastrica
36	Plica psoasica
37	Plica vesicalis transversa
38	Processus vaginalis testicularis
39	Lig. inter. uteri
40	Mesometrium
41	Mesosalpinx
42	Mesovarium
43	Bursa ovarica
44	Lig. suspensoria ovarii
45	Plica rectouterina [Douglas]
46	Excavatio rectouterina [Cavum Douglas]
47	Excavatio vesicouterina
48	Excavatio rectovesicalis
49	Spacium retroperitoneale

1	Lig. phrenicohepaticum
2	Lig. phrenicohepaticum
3	Lig. falciforme hepatis
4	Lig. coronarium hepatis
5	Lig. triangulare dextrum
6	Lig. triangulare sinistrum
7	Lig. hepatorenale
8	(Lig. duodenohepaticum)
9	Processus duodenohepaticus
10	Plica duodenohepatica
11	(Plica duodenohepatica)
12	Processus intermesentericus
13	Processus iliocecalis superior
14	Processus iliocecalis inferior
15	Plica iliocecalis
16	Fossa caecalis
17	Processus retrocaecalis
18	Plica caecalis
19	Processus paracolicus
20	(Fossa iliocecalis)

1 ANGIOLOGIA

- | | |
|---------------------|--------------------------------|
| 2 Vas collaterale | 17 Emisarium |
| 3 Vas anastomoticum | 18 Corpus cavernosum |
| 4 Ramus communicans | 19 Vas capillare |
| 5 Plexus vasculosus | 20 Vas lymphaticum |
| 6 Rete vasculosum | 21 Plexus lymphaticus |
| 7 Rete mirabile | 22 Lymphoglandula |
| 8 Arteria | 23 Nodulus lymphaticus |
| 9 Arteriola | 24 Cisterna |
| 10 Vena | 25 Tunica externa [adventitia] |
| 11 Vena cutanea | 26 Tunica media |
| 12 Vena comitans | 27 Tunica intima |
| 13 Venula | 28 Vasa vasorum |
| 14 Plexus venosus | 29 Vagina vasorum |
| 15 Rete venosum | 30 Sanguis |
| 16 Sinus [venosus] | 31 Lympha |

32 C O R

- | | |
|------------------------------------|------------------------------------|
| 33 Basis cordis | 49 Septum ventriculorum |
| 34 Facies sternocostalis | 50 Septum musculare ventriculorum |
| 35 Facies diaphragmatica | 51 Septum membranaceum ventricu- |
| 36 Apex cordis | lorum |
| 37 Incisura [apicis] cordis | 52 Atrium cordis |
| 38 Sulcus longitudinalis anterior | 53 Auricula cordis |
| 39 Sulcus longitudinalis posterior | 54 Septum atriorum |
| 40 Sulcus coronarius | 55 Pars membranacea septi atriorum |
| 41 Pericardium | 56 Ostium venosum |
| 42 Liquor pericardii | 57 Ostium arteriosum |
| 43 Lig. sternopericardiaca | 58 Trabeculae carneae |
| 44 Sinus transversus pericardii | 59 Vortex cordis |
| 45 Epicardium | 60 Mm. papillares |
| 46 Myocardium | 61 Chordae tendineae |
| 47 Endocardium | 62 Trigona fibrosa |
| 48 Ventriculus cordis | 63 Annuli fibrosi |

ANGIOLOGY

1

17	Unicentric
18	Corpus cavernosum
19	Vas capillare
20	Vas lymphaticum
21	Flexus lymphaticus
22	Lymphaticus
23	Nodus lymphaticus
24	Cisterna
25	Tunica externa [adventitia]
26	Tunica media
27	Tunica intima
28	Vasa vasorum
29	Vagina vasorum
30	Ganglion
31	Lymphoma

Vas collaterale
Vas anastomosans
Ramus communicans
Flexus vasculosus
Fate vasculosum
Rete mirabile
Arteria
Arteriola
Vena
Vena cutanea
Vena comitans
Venula
Flexus venosus
Rete venosum
Sinus [venosus]

32. C.O.H.

49	Septum ventriculorum
50	Septum musculare ventriculorum
51	Septum membranaceum ventriculorum
52	Atrium cordis
53	Auricula cordis
54	Septum atrium
55	Foramen atrium
56	Septum venosum
57	Septum arteriosum
58	Trunculus carotidis
59	Vortex cordis
60	mm. papillares
61	Chorda tendinea
62	Trigonum fibrosum
63	Anulus fibrosus

Basia cordis
Facies sternocostalis
Facies diaphragmatica
Apex cordis
Inclivus [apicalis] cordis
Sinus longitudo anterior
Sinus longitudo posterior
Sinus coronarius
Pericardium
Liquor pericardii
Lig. sternopericardiacum
Sinus transversus pericardii
Epicardium
Myocardium
Endocardium
Ventriculus cordis

1 ATRIUM DEXTRUM

- 22 Mm. pectinati
- 3 Sulcus terminalis atrii dexti
- 4 Crista terminalis
- 5 Sinus venarum [cavarum]
- 6 Limbus fossae ovalis [Vieussenii]
- 7 Auricula dextra
- 8 Tuberculum intervenosum [Loweri]
- 9 Valvula venae cavae [inferioris, Eustachii]
- 10 Fossa ovalis
- 11 Valvula sinus coronarii [Thebesii]
- 12 Foramina venarum minimarum [Thebesii]

13 VENTRICULUS DEXTER

- 14 Valvula tricuspidalis
- 15 Cuspis anterior
- 16 Cuspis posterior
- 17 Cuspis medialis
- 18 Crista superaventricularis
- 19 Conus arteriosus

20 Valvulae semilunares a. pulmonalis

- 21 Valvula semilunaris anterior
- 22 Valvula semilunaris dextra
- 23 Valvula semilunaris sinistra
- 24 Noduli valvularum semilunarium
- 25 Lunulae valvularum semilunarium

26 ATRIUM SINISTRUM

- 27 Auricula sinistra
- 28 Valvula foraminis ovalis

29 VENTRICULUS SINISTER

- 30 Valvula bicuspidalis [mitralis]
- 31 Cuspis anterior
- 32 Cuspis posterior
- 33 Valvulae semilunares aortae
- 34 Valvula semilunaris posterior
- 35 Valvula semilunaris dextra
- 36 Valvula semilunaris sinistra
- 37 Noduli valvularum semilunarium [Arantii]
- 38 Lunulae valvularum semilunarium

39 A R T E R I A E

40 A. PULMONALIS

- 41 Ramus dexter
- 42 Ramus sinister
- 43 Ductus arteriosus [Botalli]^x
- 44 Ligamentum arteriosum

45 AORTA

- 46 Aorta ascendens
- 47 Bulbus aortae
- 48 Sinus aortae [Valsalvae]
- 49 Arcus aortae
- 50 Isthmus aortae
- 51 Aorta descendens
- 52 A. coronaria [cordis] dextra
- 53 Ramus descendens posterior

54 A. coronaria [cordis] sinistra

- 55 Ramus circumflexus
- 56 Ramus descendens anterior

57 A. ANONYMA

- 58 (A. thyreoidea ima)

59 A. CAROTIS COMMUNIS

60 A. CAROTIS EXTERNA

- 61 A. thyreoidea superior
- 62 Ramus hyoideus
- 63 Ramus sternocleidomastoideus
- 64 A. laryngea superior
- 65 Ramus circothyreoideus

- 30 Valvula semilunaris a. pulmonalis
31 Valvula semilunaris anterior
32 Valvula semilunaris dextra
33 Valvula semilunaris sinistra
34 Nodus valvularum semilunarium
35 Lunula valvularum semilunarium
36 ATRIUM SINISTRUM
37 Auricula sinistra
38 Valvula foraminis ovalis
39 VENTRICULUS SINISTER
40 Valvula triquetralis [bicuspidalis]
41 Cuspis anterior
42 Cuspis posterior
43 Valvula semilunaris aorta
44 Valvula semilunaris posterior
45 Valvula semilunaris dextra
46 Valvula semilunaris sinistra
47 Nodus valvularum semilunarium
48 Lunula valvularum semilunarium

- 1 ATRIUM DEXTERUM
2 M. pectinatus
3 Sulcus terminalis et il dext.
4 Crista terminalis
5 Sinus venarum [cavatum]
6 Limbus foraminis ovalis [bicuspidalis]
7 Auricula dextra
8 Tuberculum intervenosum [lower]
9 Valvula venae cavae inferioris
10 Bicuspidalis
11 Foramen ovale
12 Valvula sinus coronarii [Thebesii]
13 Potentilla venarum minimarum
14 VENTRICULUS DEXTER
15 Valvula triquetralis
16 Cuspis anterior
17 Cuspis posterior
18 Crista supraventricularis
19 Conus arteriosus

30. ARTERIAE

- 54 A. coronaria [cordis] sinistra
55 Ramus circumflexus
56 Ramus descendens anterior
57 A. ANONYMA
58 (A. thyroidea ima)
59 A. CAROTIS COMMUNIS
60 A. CAROTIS EXTERNA
61 A. thyroidea superior
62 Ramus thyroideus
63 Ramus thyroideolaryngeus
64 M. thyroideus superior
65 Ramus circumflexus

- 40 A. PULMONALIS
41 Ramus dexter
42 Ramus sinister
43 Ductus arteriosus [Botalli]*
44 Ligamentum arteriosum
45 AORTA
46 Aorta ascendens
47 Bulbus aortae
48 Sinus aortae [Valsalvae]
49 Arco aortae
50 Truncus aortae
51 Aorta descendens
52 A. coronaria [cordis] dextra
53 Ramus descendens posterior

- 1 Ramus anterior
- 2 Ramus posterior
- 3 Rami glandulares
- 4 A. pharyngea ascendens
- 5 A. meningea posterior
- 6 Rami pharyngei
- 7 A. tympanica inferior
- 8 A. lingualis
- 9 Ramus hyoideus
- 10 A. sublingualis
- 11 Rami dorsales linguae
- 12 A. profunda linguae
- 13 A. maxillaris externa
- 14 A. palatina ascendens
- 15 Ramus tonsillaris
- 16 A. submentalis
- 17 Rami glandulares
- 18 A. labialis inferior
- 19 A. labialis superior
- 20 A. angularis
- 21 A. sternocleidomastoidea
- 22 A. occipitalis
- 23 Ramus mastoideus
- 24 Ramus auricularis
- 25 Rami musculares
- 26 Ramus descendens
- 27 (Ramus meningeus)
- 28 Rami occipitales
- 29 A. auricularis posterior
- 30 A. stylomastoidea
- 31 A. tympanica posterior
- 32 Rami mastoidei
- 33 Ramus stapedius
- 34 Ramus auricularis
- 35 Ramus occipitalis
- 36 A. temporalis superficialis
- 37 Rami parotidei
- 38 A. transversa faciei
- 39 Rami auriculares anteriores
- 40 A. zygomaticoorbitalis
- 41 A. temporalis media
- 42 Ramus frontalis
- 43 Ramus parietalis
- 44 A. maxillaris interna
- 45 A. auricularis profunda
- 46 A. tympanica anterior
- 47 A. alveolaris inferior
- 48 R. mylohyoideus
- 49 A. mentalis
- 50 A. meningea media
- 51 (Ramus meningeus accessorius)
- 52 Ramus petrosus superficialis
- 53 A. tympanica superior
- 54 A. masseterica
- 55 A. temporalis profunda posterior
- 56 A. temporalis profunda anterior
- 57 Rami pterygoidei
- 58 A. buccinatoria
- 59 A. alveolaris superior posterior
- 60 A. infraorbitalis
- 61 Aa. alveol. superiores anteriores
- 62 A. palatina descendens
- 63 A. canalis pterygoidei [Vidii]
- 64 A. palatina major
- 65 Aa. palatinae minores
- 66 A. sphenopalatina
- 67 Aa. nasales posteriores laterales et septi
- 68 A. CAROTIS INTERNA
- 69 Ramus caroticotympanicus
- 70 A. ophthalmica
- 71 A. centralis retinae
- 72 A. lacrimalis
- 73 Aa. palpebrales laterales
- 74 Rami musculares
- 75 Aa. ciliares posteriores breves
- 76 Aa. ciliares posteriores longae

38	A. transverse lobes
39	Rant. antero-lateral lobes
40	A. transverse lobes
41	A. transverse lobes
42	Rant. transverse lobes
43	Rant. transverse lobes
44	Rant. transverse lobes
45	Rant. transverse lobes
46	Rant. transverse lobes
47	Rant. transverse lobes
48	Rant. transverse lobes
49	Rant. transverse lobes
50	Rant. transverse lobes
51	Rant. transverse lobes
52	Rant. transverse lobes
53	Rant. transverse lobes
54	Rant. transverse lobes
55	Rant. transverse lobes
56	Rant. transverse lobes
57	Rant. transverse lobes
58	Rant. transverse lobes
59	Rant. transverse lobes
60	Rant. transverse lobes
61	Rant. transverse lobes
62	Rant. transverse lobes
63	Rant. transverse lobes
64	Rant. transverse lobes
65	Rant. transverse lobes
66	Rant. transverse lobes
67	Rant. transverse lobes
68	Rant. transverse lobes
69	Rant. transverse lobes
70	Rant. transverse lobes
71	Rant. transverse lobes
72	Rant. transverse lobes
73	Rant. transverse lobes
74	Rant. transverse lobes
75	Rant. transverse lobes
76	Rant. transverse lobes
77	Rant. transverse lobes
78	Rant. transverse lobes
79	Rant. transverse lobes
80	Rant. transverse lobes
81	Rant. transverse lobes
82	Rant. transverse lobes
83	Rant. transverse lobes
84	Rant. transverse lobes
85	Rant. transverse lobes
86	Rant. transverse lobes
87	Rant. transverse lobes
88	Rant. transverse lobes
89	Rant. transverse lobes
90	Rant. transverse lobes
91	Rant. transverse lobes
92	Rant. transverse lobes
93	Rant. transverse lobes
94	Rant. transverse lobes
95	Rant. transverse lobes
96	Rant. transverse lobes
97	Rant. transverse lobes
98	Rant. transverse lobes
99	Rant. transverse lobes
100	Rant. transverse lobes

1	Rant. anterior
2	Rant. posterior
3	Rant. glandular
4	A. transverse lobes
5	A. transverse lobes
6	Rant. transverse lobes
7	A. transverse lobes
8	A. transverse lobes
9	Rant. transverse lobes
10	A. transverse lobes
11	Rant. transverse lobes
12	A. transverse lobes
13	A. transverse lobes
14	A. transverse lobes
15	A. transverse lobes
16	A. transverse lobes
17	A. transverse lobes
18	A. transverse lobes
19	A. transverse lobes
20	A. transverse lobes
21	A. transverse lobes
22	A. transverse lobes
23	A. transverse lobes
24	A. transverse lobes
25	A. transverse lobes
26	A. transverse lobes
27	A. transverse lobes
28	A. transverse lobes
29	A. transverse lobes
30	A. transverse lobes
31	A. transverse lobes
32	A. transverse lobes
33	A. transverse lobes
34	A. transverse lobes
35	A. transverse lobes
36	A. transverse lobes
37	A. transverse lobes
38	A. transverse lobes
39	A. transverse lobes
40	A. transverse lobes
41	A. transverse lobes
42	A. transverse lobes
43	A. transverse lobes
44	A. transverse lobes
45	A. transverse lobes
46	A. transverse lobes
47	A. transverse lobes
48	A. transverse lobes
49	A. transverse lobes
50	A. transverse lobes
51	A. transverse lobes
52	A. transverse lobes
53	A. transverse lobes
54	A. transverse lobes
55	A. transverse lobes
56	A. transverse lobes
57	A. transverse lobes
58	A. transverse lobes
59	A. transverse lobes
60	A. transverse lobes
61	A. transverse lobes
62	A. transverse lobes
63	A. transverse lobes
64	A. transverse lobes
65	A. transverse lobes
66	A. transverse lobes
67	A. transverse lobes
68	A. transverse lobes
69	A. transverse lobes
70	A. transverse lobes
71	A. transverse lobes
72	A. transverse lobes
73	A. transverse lobes
74	A. transverse lobes
75	A. transverse lobes
76	A. transverse lobes
77	A. transverse lobes
78	A. transverse lobes
79	A. transverse lobes
80	A. transverse lobes
81	A. transverse lobes
82	A. transverse lobes
83	A. transverse lobes
84	A. transverse lobes
85	A. transverse lobes
86	A. transverse lobes
87	A. transverse lobes
88	A. transverse lobes
89	A. transverse lobes
90	A. transverse lobes
91	A. transverse lobes
92	A. transverse lobes
93	A. transverse lobes
94	A. transverse lobes
95	A. transverse lobes
96	A. transverse lobes
97	A. transverse lobes
98	A. transverse lobes
99	A. transverse lobes
100	A. transverse lobes

- 1 Aa. ciliares anteriores
- 2 Aa. conjunctivales anteriores
- 3 Aa. conjunctivales posteriores
- 4 Aa. episclerales
- 5 A. supraorbitalis
- 6 A. ethmoidalis posterior
- 7 A. ethmoidalis anterior
- 8 A. meningea anterior
- 9 Aa. palpebrales mediales
- 10 Arcus tareus superior
- 11 Arcus tarseus inferior
- 12 A. Frontalis
- 13 A. dorsalis nasi
- 14 Aa. cerebri
- 15 A. communicans posterior
- 16 A. chorioidea
- 17 A. cerebri anterior
- 18 A. communicans anterior
- 19 A. cerebri media
- 20 A. SUBCLAVIA
- 21 A. vertebralis
- 22 Rami spinales
- 23 A. spinalis posterior
- 24 A. spinalis anterior
- 25 Ramus meningeus
- 26 A. cerebelli inferior posterior
- 27 A. basilaris
- 28 A. cerebelli inferior anterior
- 29 A. auditiva interna
- 30 Rami ad pontem
- 31 A. cerebelli superior
- 32 A. cerebri posterior
- 33 Circulus arteriosus [Willisi]
- 34 A. mammaria interna
- 35 Aa. mediastinales anteriores
- 36 Aa. thymicae

- 37 Rami bronchiales
- 38 A. pericardiacophrenica
- 39 Rami sternales
- 40 Rami perforantes
- 41 Rami mammarii
- 42 Rami musculares
- 43 Rami cutanei
- 44 (Ramus costalis lateralis)
- 45 Rami intercostales
- 46 A. musculophrenica
- 47 A. epigastrica superior
- 48 Truncus thyreocervicalis
- 49 A. thyreoidea inferior
- 50 A. laryngea inferior
- 51 Rami pharyngei
- 52 Rami oesophagei
- 53 Rami tracheales
- 54 Rami glandulares
- 55 A. cervicalis ascendens
- 56 Rami spinales
- 57 Rami musculares
- 58 Ramus profundus
- 59 A. cervicalis superficialis
- 60 A. transversa scapulae
- 61 Ramus acromialis
- 62 Truncus costocervicalis
- 63 A. intercostalis suprema
- 64 Rami dorsales
- 65 Rami spinales
- 66 A. cervicalis profunda
- 67 A. transversa colli
- 68 Ramus ascendens
- 69 Ramus descendens
- 70 A. AXILLARIS
- 71 Rami subscapulares

37	Rami pronociales
38	A. paracanthocapnoides
39	Rami ethyloides
40	Rami perforantes
41	Rami mammales
42	Rami musculares
43	Rami ethyloides
44	(Rami costalis lateralis)
45	Rami intercostales
46	A. muscolophantes
47	A. epigastria superior
48	<u>Truncus thyrocervicalis</u>
49	<u>A. thyroideus inferior</u>
50	A. laryngeus inferior
51	Rami pharyngei
52	Rami oesophagici
53	Rami tracheales
54	Rami glanularis
55	<u>A. cervicalis ascendens</u>
56	Rami spinales
57	Rami musculares
58	Rami profundus
59	<u>A. cervicalis superficialis</u>
60	<u>A. thyroideus superior</u>
61	Rami axillares
62	<u>Truncus costocervicalis</u>
63	A. intercostalis superior
64	Rami dorsales
65	Rami spinales
66	A. cervicalis profundus
67	<u>A. thyroideus colli</u>
68	Rami ascendens
69	Rami descendens
70	<u>A. AXILLARIS</u>
71	Rami subscapulares

1	A. ciliatae anteriores
2	A. conjunctivales anteriores
3	A. conjunctivales posteriores
4	A. epibulbares
5	A. supraciliaries
6	A. ethmoidales posteriores
7	A. ethmoidales anteriores
8	A. meninges anteriores
9	A. palpebrales mediales
10	Arvus tarsus superior
11	Arvus tarsus inferior
12	A. frontalis
13	A. dorsalis nasus
14	<u>A. cerebri</u>
15	A. communis posterior
16	A. choroides
17	A. cerebri anterior
18	A. communis anterior
19	A. cerebri media
20	<u>A. SUBCLAVIA</u>
21	<u>A. vertebralis</u>
22	Rami spinales
23	A. spinalis posterior
24	A. spinalis anterior
25	Rami meninges
26	A. cerebelli inferior posterior
27	<u>A. basilaris</u>
28	A. cerebelli inferior anterior
29	A. auditiva interna
30	Rami ad pontem
31	A. cerebelli superior
32	A. cerebri posterior
33	Circulus arteriosus [Willisii]
34	<u>A. maxillaris inferior</u>
35	A. maxillares anteriores
36	A. thyroideus

1 A. thoracalis suprema

2 A. thoracoacromialis

3 Ramus acromialis

4 Rete acromiale

5 Ramus deltioideus

6 Rami pectorales

7 A. thoracalis lateralis

8 Rami mammarii externi

9 A. subscapularis

10 A. thoracodorsalis

11 A. circumflexa scapulae

12 A. circumflexa humeri anterior

13 A. circumflexa humeri posterior

14 BRACHIALIS

15 A. profunda brachii

16 Aa. nutritiae humeri

17 R. deltoideus

18 A. collateralis media

19 A. collateralis radialis

20 A. collateralis ulnaris superior

21 A. collateralis ulnaris inferior

22 A. RADIALIS

23 A. recurrens radialis

24 Rami musculares

25 Ramus carpeus volaris

26 Ramus volaris superficialis

27 Ramus carpeus dorsalis

28 Rete carpi dorsale

29 Aa. metacarpeae dorsales

30 Aa. digitales dorsales

31 A. princeps pollicis

32 A. volaris indicis radialis

33 Arcus volaris profundus

34 Aa. metacarpeae volares

35 Rami perforantes

36 A. ULNARIS

37 Aa. recurrentes ulnares

38 Rete articulare cubiti

39 A. interossea communis

40 A. interossea dorsalis

41 A. interossea recurrens

42 A. interossea volaris

43 A. mediana

44 Rami musculares

45 Ramus carpeus dorsalis

46 Ramus carpeus volaris

47 Ramus volaris profundus

48 Arcus volaris superficialis

49 Aa. digitales volares communes

50 Aa. digitales volares proprias

51 AORTA THORACALIS

52 Rami viscerales

53 Aa. bronchiales

54 Aa. oesophageae

55 Rami pericardiaci

56 Rami parietales

57 Rami mediastinales

58 Aa. phrenicae superiores

59 Aa. intercostales

60 Rami posteriores

61 Ramus spinalis

62 Rami musculares

63 Ramus cutaneus medialis

64 Ramus cutaneus lateralis

65 Rami anteriores

66 Rami musculares

67 Rami cutanei laterales

pectorales et abdominales

68 Ramus posterior

- 36 A. ULNARIS
37 A. recurrens ulnaris
38 Rete articulare cubiti
39 A. interossea communis
40 A. interossea humeralis
41 A. interossea recurrens
42 A. interossea volaris
43 A. medianus
44 Ramus musculares
45 Ramus carpi dorsalis
46 Ramus carpi volaris
47 Ramus volaris profundus
48 Arvus volaris superficialis
49 Aa. digitales volares communes
50 Aa. digitales volares proprias

- 51 AORTA THORACALIS
52 Rami vasculares
53 Aa. bronchiales
54 Aa. oesophagicae
55 Rami perforantes
56 Rami partiales
57 Rami mediastinales
58 Aa. phrenicae superiores

- 59 Aa. intercostales
60 Rami posteriores
61 Ramus spinalis
62 Rami musculares
63 Ramus cutaneus medialis
64 Ramus cutaneus lateralis
65 Rami anteriores
66 Rami musculares
67 Rami cutanei laterales
68 Rami posteriores et abdominales

- 1 A. thoracalis superior
2 A. thoracocostalis
3 Ramus costalis
4 Rete costalis
5 Ramus deltoideus
6 Rami pectorales

- 7 A. thoracalis lateralis
8 Rami mammares externi

- 9 A. subscapularis
10 A. thoracodorsalis
11 A. circumflexa humeri

- 12 A. circumflexa humeri anterior
13 A. circumflexa humeri posterior

- 14 BRACHIALIS
15 A. profunda brachii

- 16 Aa. nutritiae humeri
17 R. deltoideus
18 A. collateralis medialis
19 A. collateralis lateralis

- 20 A. collateralis nigra superior
21 A. collateralis nigra inferior

- 22 A. RADIALIS

- 3 A. recurrens radialis
4 Rami musculares
5 Ramus carpi volaris
6 Ramus volaris superficialis
7 Ramus carpi dorsalis
8 Rete carpi dorsalis
9 Aa. metacarpeae dorsales
10 Aa. digitales dorsales
11 A. princeps pollicis
12 A. volaris indicis radialis
13 Arvus volaris profundus
14 Aa. metacarpeae volares
15 Rami perforantes

- 1 Ramus anterior
- 2 Rami mammarii laterales
- 3 Rami cutanei anteriores [pecto-
rales et abdominales]
- 4 Rami mammarii mediales
- 5 AORTA ABDOMINALIS
- 6 Rami parietales
- 7 A. phrenica inferior
- 8 Rami suprarenales superiores
- 9 Aa. lumbales
- 10 Ramus dorsalis
- 11 Ramus spinalis
- 12 A. sacralis media
- 13 A. lumbalis ima
14. Glomus coccygeum
- 15 Rami viscerales
- 16 A. coeliaca
- 17 A. gastrica sinistra
- 18 Rami oesophagei
- 19 A. hepatica
- 20 A. gastrica dextra
- 21 A. hepatica propria
- 22 Ramus dexter
- 23 A. cystica
- 24 Ramus sinister
- 25 A. gastroduodenalis
- 26 A. pancreaticoduoden. superior
- 27 Rami pancreatici
- 28 Rami duodenales
- 29 A. gastroepiploica dextra
- 30 Rami epiploici
- 31 A. lienalis
- 32 Rami pancreatici
- 33 A. gastroepiploica sinistra
- 34 Aa. gastricae breves
- 35 Rami lienales

- 36 A. mesenterica superior
- 37 Aa. intestinales
- 38 A. pancreaticoduodenalis
inferior
- 39 Aa. jejunaes
- 40 Aa. ileae
- 41 A. ileocolica
- 42 A. appendicularis
- 43 A. colica dextra
- 44 A. colica media
- 45 A. mesenterica inferior
- 46 A. colica sinistra
- 47 Aa. sigmoideae
- 48 A. haemorrhoidalis superior
- 49 A. suprarenalis media
- 50 A. renalis
- 51 A. suprarenalis inferior
- 52 A. spermatica interna
- 53 A. testicularis
- 54 A. ovarica
- 55 A. ILIACA COMMUNIS
- 56 A. HYPOGASTRICA
- 57 Rami parietales
- 58 A. iliolumbalis
- 59 Ramus lumbalis
- 60 Ramus spinalis
- 61 Ramus iliacus
- 62 A. sacralis lateralis
- 63 Rami spinales
- 64 A. obturatoria
- 65 Ramus pubicus
- 66 Ramus anterior
- 67 Ramus posterior
- 68 A. acetabuli

35. A. mesenterica superior
 36. A. mesenterica inferior
 37. A. mesenterica inferior
 38. A. mesenterica inferior
 39. A. mesenterica inferior
 40. A. mesenterica inferior
 41. A. mesenterica inferior
 42. A. mesenterica inferior
 43. A. mesenterica inferior
 44. A. mesenterica inferior
 45. A. mesenterica inferior
 46. A. mesenterica inferior
 47. A. mesenterica inferior
 48. A. mesenterica inferior
 49. A. mesenterica inferior
 50. A. mesenterica inferior
 51. A. mesenterica inferior
 52. A. mesenterica inferior
 53. A. mesenterica inferior
 54. A. mesenterica inferior
 55. A. mesenterica inferior
 56. A. mesenterica inferior
 57. A. mesenterica inferior
 58. A. mesenterica inferior
 59. A. mesenterica inferior
 60. A. mesenterica inferior
 61. A. mesenterica inferior
 62. A. mesenterica inferior
 63. A. mesenterica inferior
 64. A. mesenterica inferior
 65. A. mesenterica inferior
 66. A. mesenterica inferior
 67. A. mesenterica inferior
 68. A. mesenterica inferior

1. Ramus anterior
 2. Ramus posterior
 3. Ramus anterior
 4. Ramus posterior
 5. Ramus anterior
 6. Ramus posterior
 7. Ramus anterior
 8. Ramus posterior
 9. Ramus anterior
 10. Ramus posterior
 11. Ramus anterior
 12. Ramus posterior
 13. Ramus anterior
 14. Ramus posterior
 15. Ramus anterior
 16. Ramus posterior
 17. Ramus anterior
 18. Ramus posterior
 19. Ramus anterior
 20. Ramus posterior
 21. Ramus anterior
 22. Ramus posterior
 23. Ramus anterior
 24. Ramus posterior
 25. Ramus anterior
 26. Ramus posterior
 27. Ramus anterior
 28. Ramus posterior
 29. Ramus anterior
 30. Ramus posterior
 31. Ramus anterior
 32. Ramus posterior
 33. Ramus anterior
 34. Ramus posterior
 35. Ramus anterior
 36. Ramus posterior
 37. Ramus anterior
 38. Ramus posterior
 39. Ramus anterior
 40. Ramus posterior
 41. Ramus anterior
 42. Ramus posterior
 43. Ramus anterior
 44. Ramus posterior
 45. Ramus anterior
 46. Ramus posterior
 47. Ramus anterior
 48. Ramus posterior
 49. Ramus anterior
 50. Ramus posterior
 51. Ramus anterior
 52. Ramus posterior
 53. Ramus anterior
 54. Ramus posterior
 55. Ramus anterior
 56. Ramus posterior
 57. Ramus anterior
 58. Ramus posterior
 59. Ramus anterior
 60. Ramus posterior
 61. Ramus anterior
 62. Ramus posterior
 63. Ramus anterior
 64. Ramus posterior
 65. Ramus anterior
 66. Ramus posterior
 67. Ramus anterior
 68. Ramus posterior
 69. Ramus anterior
 70. Ramus posterior
 71. Ramus anterior
 72. Ramus posterior
 73. Ramus anterior
 74. Ramus posterior
 75. Ramus anterior
 76. Ramus posterior
 77. Ramus anterior
 78. Ramus posterior
 79. Ramus anterior
 80. Ramus posterior
 81. Ramus anterior
 82. Ramus posterior
 83. Ramus anterior
 84. Ramus posterior
 85. Ramus anterior
 86. Ramus posterior
 87. Ramus anterior
 88. Ramus posterior
 89. Ramus anterior
 90. Ramus posterior
 91. Ramus anterior
 92. Ramus posterior
 93. Ramus anterior
 94. Ramus posterior
 95. Ramus anterior
 96. Ramus posterior
 97. Ramus anterior
 98. Ramus posterior
 99. Ramus anterior
 100. Ramus posterior

1 A. glutea superior

2 Ramus superior

3 Ramus inferior

4 A. glutea inferior

5 A. comitans n. ischiadici

6 Rami viscerales

7 A. umbilicalis

8 Aa. vesicales superiores

9 [Ligamentum umbilicale laterale]

10 A. vesicalis inferior

11 A. deferentialis

12 A. uterina

13 A. vaginalis

14 Ramus ovarii

15 Ramus tubarius

16 A. haemorrhoidalis media

17 A. pudenda interna

18 A. haemorrhoidalis inferior

19 A. perinei

20 Aa. scrotales posteriores

21 Aa. labiales posteriores

22 A. penis

23 A. urethralis

24 A. bulbi urethrae

25 A. bulbi vestibuli [vaginae]

26 A. profunda penis

27 A. dorsalis penis

28 A. clitoridis

29 A. profunda clitoridis

30 A. dorsalis clitoridis

31 A. ILIACA EXTERNA

32 A. epigastrica inferior

33 Ramus pubicus

34 Ramus obturatorius

35 A. spermatica externa

36 A. lig. teretis uteri

37 A. circumflexa ilium profunda

38 A. FEMORALIS

39 A. epigastrica superficialis

40 A. circumflexa ilium superficialis

41 Aa. pudendae externae

42 Aa. scrotales anteriores

43 Aa. labiales anteriores

44 Rami inguinales

45 A. profunda femoris

46 A. circumflexa femoris medialis

47 Ramus superficialis

48 Ramus profundus

49 Ramus acetabuli

50 A. circumflexa femoris lateralis

51 Ramus ascendens

52 Ramus descendens

53 A. perforans prima

54 A. nutritia femoris superior

55 A. perforans secunda

56 A. perforans tertia

57 A. nutritia femoris inferior

58 Rami musculares

59 A. genu suprema

60 Rami musculares

61 Ramus saphenus

62 Rami articulares

63 A. POPLITEA

64 A. genu superior lateralis

65 A. genu superior medialis

66 A. genu media

67 Aa. surales

68 A. genu inferior lateralis

69 A. genu inferior medialis

70 Rete articulare genu

71 Rete patellae

35	A. apertures externa
36	A. lig. teretis neri
37	A. circumflexa. ligum profunda
38	A. REMORABILIS
39	A. epigastria superficialis
40	A. circumflexa illius superficialis
41	A. pubes externa
42	A. scrotalis anterior
43	A. labialis anterior
44	Rami labiales
45	A. profunda femoris
46	A. circumflexa femoris medialis
47	Ramus superficialis
48	Ramus profundus
49	Ramus acutibul
50	A. circumflexa femoris lateralis
51	Ramus ascendens
52	Ramus descendens
53	A. perforans prima
54	A. nutritia femoris superior
55	A. perforans secunda
56	A. perforans tertia
57	A. nutritia femoris inferior
58	Rami musculares
59	A. genu superior
60	Rami musculares
61	Ramus sagittatus
62	Rami articulares
63	A. POPLITEA
64	A. genu superior lateralis
65	A. genu superior medialis
66	A. genu media
67	A. curvata
68	A. genu inferior lateralis
69	A. genu inferior medialis
70	Nota articulare genu
71	Nota patellar

1	A. nuda superior
2	Ramus superior
3	Ramus inferior

4	A. nuda inferior
5	A. comitans n. lachrymali

6	Rami vasculares
---	-----------------

7	A. umbilicalis
8	A. vesicales superiores
9	[Ligamentum umbilicale laterale]

10	A. vesicales inferiores
----	-------------------------

11	A. dolonostalis
----	-----------------

12	A. uterina
----	------------

13	A. vaginalis
14	Ramus ovarii
15	Ramus tubarius

16	A. pneumothoracalis media
----	---------------------------

17	A. pubens lateralis
18	A. pneumothoracalis inferior
19	A. perinei
20	A. scrotales posteriores
21	A. labiales posteriores
22	A. penis
23	A. urethralis
24	A. bulbi urethrae
25	A. bulbi vestibuli [vaginalis]
26	A. profunda penis
27	A. dorsalis penis
28	A. clitoridis
29	A. profunda clitoridis
30	A. dorsalis clitoridis

31	A. ILIACA EXTERNA
----	-------------------

32	A. epigastrica inferior
33	Ramus pubicus
34	Ramus obturatorius

- | | | | |
|----|-----------------------------------|----|------------------------------------|
| 1 | <u>A. tibialis anterior</u> | 18 | A. peronea |
| 2 | (A. recurrens tibialis posterior) | 19 | A. nutritia fibulae |
| 3 | A. recurrens tibialis anterior | 20 | Ramus perforans |
| 4 | A. malleolaris anterior lateralis | 21 | Ramus communicans |
| 5 | A. malleolaris anterior medialis | 22 | A. malleolaris posterior lateralis |
| 6 | Rete malleolare mediale | 23 | Rami calcanei laterales |
| 7 | Rete malleolare laterale | 24 | A. nutritia tibiae |
| 8 | A. dorsalis pedis | 25 | A. malleolaris posterior medialis |
| 9 | A. tarsea lateralis | 26 | Rami calcanei mediales |
| 10 | Aa. tarseae mediales | 27 | Rete calcaneum |
| 11 | A. arcuata | 28 | A. plantaris medialis |
| 12 | Rete dorsale pedis | 29 | Ramus profundus |
| 13 | Aa. metatarsae dorsales | 30 | Ramus superficialis |
| 14 | Aa. digitales dorsales | 31 | A. plantaris lateralis |
| 15 | Ramus plantaris profundus | 32 | Arcus plantaris |
| | | 33 | Aa. metatarsae plantares |
| | | 34 | Rami perforantes |
| | | 35 | Aa. digitales plantares |
| 16 | <u>A. tibialis posterior</u> | | |
| 17 | Ramus fibularis | | |

36 V E N A E

- | | | | |
|----|----------------------------------|----|---------------------------------|
| 37 | VENAE PULMONALES | 54 | Plexus thyreoideus impar |
| 38 | Vv. pulmonales dextrae | 55 | V. laryngea inferior |
| 39 | Vv. pulmonales sinistrae | 56 | Vv. thymicae |
| | | 57 | Vv. pericardiacae |
| 40 | VV. CORDIS | 58 | Vv. phrenicae superiores |
| 41 | Sinus coronarius | 59 | Vv. mediastinales anteriores |
| 42 | V. cordis magna | 60 | Vv. bronchiales anteriores |
| 43 | V. posterior ventriculi sinistri | 61 | Vv. tracheales |
| 44 | V. obliqua atrii sinistri | 62 | Vv. oesophageae |
| | [Marshalli] | 63 | V. vertebralis |
| 45 | Lig. v. cavae sinistrae | 64 | V. cervicalis profunda |
| 46 | V. cordis media | 65 | V. mammaria interna |
| 47 | V. cordis parva | 66 | Vv. subcutaneae abdominis |
| 48 | Vv. cordis anteriores | 67 | V. epigastrica superior |
| 49 | Vv. cordis minimae | 68 | V. intercostalis suprema |
| | | | |
| 50 | VENA CAVA SUPERIOR | 69 | V. JUGULARIS INTERNA |
| 51 | VV. ANONYMAE DEXTRA ET SINISTRA | 70 | Bulbus venae jugularis superior |
| 52 | Vv. thyreoideae inferiores | 71 | V. canaliculi coehleae |
| 53 | V. thyreoidea ima | | |

15	A. testis
16	A. testis (epididymus)
17	A. testis
18	A. testis
19	A. testis
20	A. testis
21	A. testis
22	A. testis
23	A. testis
24	A. testis
25	A. testis
26	A. testis
27	A. testis
28	A. testis
29	A. testis
30	A. testis
31	A. testis
32	A. testis
33	A. testis
34	A. testis
35	A. testis
36	A. testis
37	A. testis
38	A. testis
39	A. testis
40	A. testis
41	A. testis
42	A. testis
43	A. testis
44	A. testis
45	A. testis
46	A. testis
47	A. testis
48	A. testis
49	A. testis
50	A. testis

1	A. testis
2	A. testis
3	A. testis
4	A. testis
5	A. testis
6	A. testis
7	A. testis
8	A. testis
9	A. testis
10	A. testis
11	A. testis
12	A. testis
13	A. testis
14	A. testis
15	A. testis
16	A. testis
17	A. testis
18	A. testis
19	A. testis
20	A. testis
21	A. testis
22	A. testis
23	A. testis
24	A. testis
25	A. testis
26	A. testis
27	A. testis
28	A. testis
29	A. testis
30	A. testis
31	A. testis
32	A. testis
33	A. testis
34	A. testis
35	A. testis
36	A. testis
37	A. testis
38	A. testis
39	A. testis
40	A. testis
41	A. testis
42	A. testis
43	A. testis
44	A. testis
45	A. testis
46	A. testis
47	A. testis
48	A. testis
49	A. testis
50	A. testis

V. H. A. E.

24	V. testis
25	V. testis
26	V. testis
27	V. testis
28	V. testis
29	V. testis
30	V. testis
31	V. testis
32	V. testis
33	V. testis
34	V. testis
35	V. testis
36	V. testis
37	V. testis
38	V. testis
39	V. testis
40	V. testis
41	V. testis
42	V. testis
43	V. testis
44	V. testis
45	V. testis
46	V. testis
47	V. testis
48	V. testis
49	V. testis
50	V. testis
51	V. testis
52	V. testis
53	V. testis
54	V. testis
55	V. testis
56	V. testis
57	V. testis
58	V. testis
59	V. testis
60	V. testis
61	V. testis
62	V. testis
63	V. testis
64	V. testis
65	V. testis
66	V. testis
67	V. testis
68	V. testis
69	V. testis
70	V. testis
71	V. testis
72	V. testis
73	V. testis
74	V. testis
75	V. testis
76	V. testis
77	V. testis
78	V. testis
79	V. testis
80	V. testis
81	V. testis
82	V. testis
83	V. testis
84	V. testis
85	V. testis
86	V. testis
87	V. testis
88	V. testis
89	V. testis
90	V. testis
91	V. testis
92	V. testis
93	V. testis
94	V. testis
95	V. testis
96	V. testis
97	V. testis
98	V. testis
99	V. testis
100	V. testis

27	V. testis
28	V. testis
29	V. testis
30	V. testis
31	V. testis
32	V. testis
33	V. testis
34	V. testis
35	V. testis
36	V. testis
37	V. testis
38	V. testis
39	V. testis
40	V. testis
41	V. testis
42	V. testis
43	V. testis
44	V. testis
45	V. testis
46	V. testis
47	V. testis
48	V. testis
49	V. testis
50	V. testis
51	V. testis
52	V. testis
53	V. testis
54	V. testis
55	V. testis
56	V. testis
57	V. testis
58	V. testis
59	V. testis
60	V. testis
61	V. testis
62	V. testis
63	V. testis
64	V. testis
65	V. testis
66	V. testis
67	V. testis
68	V. testis
69	V. testis
70	V. testis
71	V. testis
72	V. testis
73	V. testis
74	V. testis
75	V. testis
76	V. testis
77	V. testis
78	V. testis
79	V. testis
80	V. testis
81	V. testis
82	V. testis
83	V. testis
84	V. testis
85	V. testis
86	V. testis
87	V. testis
88	V. testis
89	V. testis
90	V. testis
91	V. testis
92	V. testis
93	V. testis
94	V. testis
95	V. testis
96	V. testis
97	V. testis
98	V. testis
99	V. testis
100	V. testis

- 1 Bulbus v. jugularis inferior
- 2 Plexus pharyngeus
- 3 Vv. pharyngeae
- 4 Vv. meningeae
- 5 Vv. canalis pterygoidei [Vidii]
- 6 V. lingualis
- 7 Vv. dorsales linguae
- 8 V. sublingualis
- 9 V. comitans n. hypoglossi
- 10 (Vv. thyreoidae superiores)
- 11 V. sternocleidomastoidea
- 12 V. laryngea superior

13 Sinus durae matris

- 14 Sinus transversus
- 15 Confluens sinuum
- 16 Vv. auditivae internae
- 17 Sinus occipitalis
- 18 Plexus basilaris
- 19 Sinus sagittalis superior
- 20 Sinus sagittalis inferior
- 21 Sinus rectus
- 22 Sinus petrosus inferior
- 23 Sinus petrosus superior
- 24 Sinus cavernosus
- 25 Sinus intercavernosus anterior
- 26 Sinus intercavernosus posterior
- 27 Sinus circularis
- 28 Sinus sphenoparietalis
- 29 Venae diploicae
- 30 V. diploica frontalis
- 31 V. diploica temporalis anterior
- 32 V. diploica temporalis posterior
- 33 V. diploica occipitalis
- 34 Emissarium parietale
- 35 Emissarium mastoideum
- 36 Emissarium condyloideum
- 37 Emissarium occipitale
- 38 Rete canalis hypoglossi
- 39 Rete foraminis ovalis
- 40 Plexus venosus caroticus internus

41 Venae cerebri

- 42 Vv. cerebri superiores
- 43 V. cerebri media
- 44 Vv. cerebri inferiores
- 45 Vv. cerebelli superiores
- 46 Vv. cerebelli inferiores
- 47 Vv. cerebri internae
- 48 V. cerebri magna [Galen]
- 49 V. septi pellucidi
- 50 V. terminalis
- 51 V. basalis [Rosenthal]
- 52 V. chorioidea
- 53 V. ophthalmomeningea
- 54 V. ophthalmica superior
- 55 V. nasofrontalis
- 56 V. ethmoidalis anterior
- 57 V. ethmoidalis posterior
- 58 V. lacrimalis
- 59 Vv. musculares
- 60 Vv. vorticosae
- 61 Vv. ciliares posteriores
- 62 Vv. ciliares anteriores
- 63 V. centralis retinae
- 64 Vv. episclerales
- 65 Vv. palpebrales
- 66 Vv. conjunctivales anteriores
- 67 Vv. conjunctivales posteriores
- 68 V. ophthalmica inferior

69 V. FACIALIS COMMUNIS

70 A. facialis anterior

- 71 V. angularis
- 72 Vv. frontales
- 73 V. supraorbitalis
- 74 Vv. palpebrales superiores
- 75 Vv. nasales externae
- 76 Vv. palpebrales inferiores
- 77 V. labialis superior

41	Vena carotis
42	Vv. carotid superiores
43	V. carotid media
44	Vv. carotid inferiores
45	Vv. carotid superiores
46	Vv. carotid inferiores
47	Vv. carotid inferiores
48	V. carotid magna (Salmon)
49	V. carotid interna
50	V. carotid externa
51	V. carotid interna
52	V. carotid externa
53	V. carotid interna
54	V. carotid externa
55	V. carotid interna
56	V. carotid externa
57	V. carotid interna
58	V. carotid externa
59	V. carotid interna
60	V. carotid externa
61	V. carotid interna
62	V. carotid externa
63	V. carotid interna
64	V. carotid externa
65	V. carotid interna
66	V. carotid externa
67	V. carotid interna
68	V. carotid externa
69	V. carotid interna
70	V. carotid externa
71	V. carotid interna
72	V. carotid externa
73	V. carotid interna
74	V. carotid externa
75	V. carotid interna
76	V. carotid externa
77	V. carotid interna

1	Flexus v. jugularis inferior
2	Flexus pharyngeus
3	Vv. pharyngeae
4	Vv. pharyngeae
5	Vv. pharyngeae
6	Vv. pharyngeae
7	Vv. pharyngeae
8	Vv. pharyngeae
9	Vv. pharyngeae
10	Vv. pharyngeae
11	Vv. pharyngeae
12	Vv. pharyngeae
13	Vv. pharyngeae
14	Vv. pharyngeae
15	Vv. pharyngeae
16	Vv. pharyngeae
17	Vv. pharyngeae
18	Vv. pharyngeae
19	Vv. pharyngeae
20	Vv. pharyngeae
21	Vv. pharyngeae
22	Vv. pharyngeae
23	Vv. pharyngeae
24	Vv. pharyngeae
25	Vv. pharyngeae
26	Vv. pharyngeae
27	Vv. pharyngeae
28	Vv. pharyngeae
29	Vv. pharyngeae
30	Vv. pharyngeae
31	Vv. pharyngeae
32	Vv. pharyngeae
33	Vv. pharyngeae
34	Vv. pharyngeae
35	Vv. pharyngeae
36	Vv. pharyngeae
37	Vv. pharyngeae
38	Vv. pharyngeae
39	Vv. pharyngeae
40	Vv. pharyngeae
41	Vv. pharyngeae
42	Vv. pharyngeae
43	Vv. pharyngeae
44	Vv. pharyngeae
45	Vv. pharyngeae
46	Vv. pharyngeae
47	Vv. pharyngeae
48	Vv. pharyngeae
49	Vv. pharyngeae
50	Vv. pharyngeae
51	Vv. pharyngeae
52	Vv. pharyngeae
53	Vv. pharyngeae
54	Vv. pharyngeae
55	Vv. pharyngeae
56	Vv. pharyngeae
57	Vv. pharyngeae
58	Vv. pharyngeae
59	Vv. pharyngeae
60	Vv. pharyngeae
61	Vv. pharyngeae
62	Vv. pharyngeae
63	Vv. pharyngeae
64	Vv. pharyngeae
65	Vv. pharyngeae
66	Vv. pharyngeae
67	Vv. pharyngeae
68	Vv. pharyngeae
69	Vv. pharyngeae
70	Vv. pharyngeae
71	Vv. pharyngeae
72	Vv. pharyngeae
73	Vv. pharyngeae
74	Vv. pharyngeae
75	Vv. pharyngeae
76	Vv. pharyngeae
77	Vv. pharyngeae

- 1 V. labialis inferior
- 2 Vv. massetericae
- 3 Vv. parotidea anteriores
- 4 V. palatina
- 5 V. submentalis
- 6 V. facialis posterior
- 7 Vv. temporales superficiales
- 8 Vv. auriculares anteriores
- 9 Vv. parotidea posteriores
- 10 Vv. articulares mandibulae
- 11 Vv. tympanicae
- 12 V. stylomastoidea
- 13 V. transversa faciei
- 14 V. temporalis media
- 15 Plexus pterygoideus
- 16 Vv. meningae mediae
- 17 Vv. temporales profundae
- 18 V. thyreoidea superior
- 19 V. JUGULARIS EXTERNA
- 20 V. occipitalis
- 21 V. auricularis posterior
- 22 V. jugularis anterior
- 23 Arcus venosus juguli
- 24 (V. mediana colli)
- 25 V. transversa scapulae
- 26 V. SUBCLAVIA
- 27 V. thoracoacromialis
- 28 Vv. transversae colli
- 29 V. AXILLARIS
- 30 V. thoracalis lateralis
- 31 Vv. costoaxillares
- 32 Vv. thoracoepigastricae
- 33 Plexus vensus mamillae
- 34 Vv. brachiales
- 35 Vv. radiales
- 36 Vv. ulnares
- 37 V. cephalica
- 38 V. cephalica accessoria
- 39 V. basilica
- 40 V. mediana cubiti
- 41 (V. mediana antibrachii)
- 42 (V. mediana basilica)
- 43 (V. mediana cephalica)
- 44 Rete venosum dorsale manus
- 45 Vv. intercapitulares
- 46 Arcus volaris venosus superficialis
- 47 Arcus volaris venosus profundus
- 48 Vv. digitales volares communes
- 49 Vv. metacarpeae dorsales
- 50 Vv. metacarpeae volares
- 51 Vv. digitales volares propriae
- 52 Arcus venosi digitales
- 53 V. AZYGOS
- 54 V. hemiazygos
- 55 V. hemiazygos accessoria
- 56 Vv. intercostales
- 57 Ramus dorsalis
- 58 Ramus spinalis
- 59 Vv. oesophageae
- 60 Vv. bronchiales posteriores
- 61 V. lumbalis ascendens
- 62 Plexus venosi vertebrales externi
- 64 Plexus venosi vertebrales anteriores
- 65 Plexus venosi vertebrales posteriores
- 66 Plexus venosi vertebrales interni
- 67 Retia venosa vertebrarum
- 68 Sinus vertebrales longitudinales
- 69 Vv. intervertebrales
- 70 Vv. spinales externae anteriores

33	V. imitator
34	V. imitator
35	V. imitator
36	V. imitator
37	V. imitator
38	V. imitator
39	V. imitator
40	V. imitator
41	V. imitator
42	V. imitator
43	V. imitator
44	V. imitator
45	V. imitator
46	V. imitator
47	V. imitator
48	V. imitator
49	V. imitator
50	V. imitator
51	V. imitator
52	V. imitator
53	V. imitator
54	V. imitator
55	V. imitator
56	V. imitator
57	V. imitator
58	V. imitator
59	V. imitator
60	V. imitator
61	V. imitator
62	V. imitator
63	V. imitator
64	V. imitator
65	V. imitator
66	V. imitator
67	V. imitator
68	V. imitator
69	V. imitator
70	V. imitator

1	V. imitator
2	V. imitator
3	V. imitator
4	V. imitator
5	V. imitator
6	V. imitator
7	V. imitator
8	V. imitator
9	V. imitator
10	V. imitator
11	V. imitator
12	V. imitator
13	V. imitator
14	V. imitator
15	V. imitator
16	V. imitator
17	V. imitator
18	V. imitator
19	V. imitator
20	V. imitator
21	V. imitator
22	V. imitator
23	V. imitator
24	V. imitator
25	V. imitator
26	V. imitator
27	V. imitator
28	V. imitator
29	V. imitator
30	V. imitator
31	V. imitator
32	V. imitator
33	V. imitator
34	V. imitator
35	V. imitator
36	V. imitator
37	V. imitator
38	V. imitator
39	V. imitator
40	V. imitator
41	V. imitator
42	V. imitator
43	V. imitator
44	V. imitator
45	V. imitator
46	V. imitator
47	V. imitator
48	V. imitator
49	V. imitator
50	V. imitator
51	V. imitator
52	V. imitator
53	V. imitator
54	V. imitator
55	V. imitator
56	V. imitator
57	V. imitator
58	V. imitator
59	V. imitator
60	V. imitator
61	V. imitator
62	V. imitator
63	V. imitator
64	V. imitator
65	V. imitator
66	V. imitator
67	V. imitator
68	V. imitator
69	V. imitator
70	V. imitator

- 1 Vv. spinales externae posteriores
- 2 Vv. spinales internae

3 V. CAVA INFERIOR

- 4 Radices parietales
- 5 V. phrenica inferior
- 6 Vv. lumbales
- 7 Radices viscerales
- 8 Vv. hepaticae
- 9 Vv. renales
- 10 Vv. suprarenales
- 11 V. spermatica
- 12 V. testicularis
- 13 V. ovarica
- 14 Plexus pampiniformis

15 VENA PORTAE

- 16 V. coronaria ventriculi
- 17 V. mesenterica superior
- 18 18 Vv. intestinales
- 19 V. gastroepiploica dextra
- 20 Vv. pancreaticae
- 21 V. ileocolica
- 22 Vv. colicae dextrae
- 23 V. colica media
- 24 Vv. pancreaticoduodenales
- 25 Vv. duodenales
- 26 V. mesenterica inferior
- 27 V. colica sinistra
- 28 Vv. sigmoideae
- 29 V. haemorrhoidalis superior
- 30 V. lienalis
- 31 Vv. gastricae breves
- 32 V. gastroepiploica sinistra
- 33 V. cystica
- 34 Vena umbilicalis^x
- 35 Ductus venosus [Arantii]^x
- 36 Vv. parumbilicales [Sappeyi]

37 VENA ILIACA COMMUNIS

- 38 V. sacralis media

39 V. HYPOGASTRICA

- 40 Vv. glutaeae superiores
- 41 Vv. glutaeae inferiores
- 42 Vv. obturatoriae
- 43 Vv. sacrales laterales
- 44 V. iliolumbalis
- 45 Plexus sacralis anterior
- 46 Plexus haemorrhoidalis
- 47 Plexus vesicalis
- 48 Plexus pudendalis
- 49 V. dorsalis penis
- 50 Vv. profundae penis
- 51 V. dorsalis clitoridis
- 52 Vv. profundae clitoridis
- 53 Vv. uterinae
- 54 Plexus uterovaginalis
- 55 V. haemorrhoidalis media
- 56 Vv. haemorrhoidales inferiores
- 57 Vv. scrotales posteriores

58 V. ILIACA EXTERNA

- 59 V. epigastrica inferior
- 60 V. circumflexa ilium profunda
- 61 V. femoralis
- 62 Vv. dorsales penis subcutaneae
- 63 Vv. scrotales anteriores
- 64 Vv. pudendae externae
- 65 V. epigastrica superficialis
- 66 V. saphena magna
- 67 V. saphena accessoria
- 68 V. circumflexa ilium superficialis
- 69 Vv. circumflexae femoris mediales
- 70 Vv. circumflexae femoris laterales
- 71 Vv. comitantes
- 72 Vv. profundae femoris
- 73 Vv. perforantes

37. VENA ILIACA COMMUNIS

38. V. externa media

39. V. HYPOGASTRICA

40. V. glutea superior

41. V. glutea inferior

42. V. obturatoria

43. V. sacralis lateralis

44. V. iliohypogastrica

45. Plexus sacralis inferior

46. Plexus mesentericus

47. Plexus vesicalis

48. Plexus pudendus

49. V. dorsalis penis

50. V. profundus penis

51. V. dorsalis clitoridis

52. V. profundus clitoridis

53. V. uterina

54. Plexus uterovaginalis

55. V. hemorrhoidalis media

56. V. hemorrhoidalis inferior

57. V. sacralis posterior

58. V. ILIACA EXTERNA

59. V. epigastrica inferior

60. V. circumflexa ilium profunda

61. V. femoralis

62. V. dorsalis penis superficialis

63. V. dorsalis anterior

64. V. pudenda externa

65. V. epigastrica superficialis

66. V. epigastrica magna

67. V. epigastrica parva

68. V. circumflexa ilium superficialis

69. V. circumflexa ilium media

70. V. circumflexa ilium profunda

71. V. constantis

72. V. profunda femoralis

73. V. perforans

1. V. spinales externae posteriores

2. V. spinales internae

3. V. CAVA INFERIOR

4. R. a. d. i. c. e. p. a. r. t. e. s. i. e. s.

5. V. phrenica inferior

6. V. umbilicalis

7. R. a. d. i. c. e. v. i. s. c. e. r. a. l. e. s.

8. V. hepatica

9. V. vesicalis

10. V. suprarenalis

11. V. spermatica

12. V. testicularis

13. V. ovarica

14. Plexus paravaginalis

15. VENA PORTAE

16. V. coronaria ventriculi

17. V. mesenterica superior

18. V. inferior

19. V. gastrophrenica dextra

20. V. gastrophrenica sinistra

21. V. lienalis

22. V. colica dextra

23. V. colica media

24. V. gastroduodenalis

25. V. duodenalis

26. V. mesenterica inferior

27. V. colica sinistra

28. V. sigmoidalis

29. V. hemorrhoidalis superior

30. V. ilealis

31. V. gastrica propria

32. V. gastrophrenica sinistra

33. V. cystica

34. Vena umbilicalis

35. Ductus venosus (Arantii)

36. V. paravaginalis (Lepore)

- | | | | |
|---|------------------------------|----|-------------------------------|
| 1 | V. saphena parva | 9 | Vv. digitales communes pedis |
| 2 | V. femoropoplitea | 10 | Vv. metatarsae dorsales pedis |
| 3 | Vv. peroneae | 11 | Vv. intercapitulares |
| 4 | Vv. popliteae | 12 | Rete venosum plantare |
| 5 | Vv. tibiales posteriores | 13 | Arcus venosus plantaris |
| 6 | Vv. tibiales anteriores | 14 | Vv. metatarsae plantares |
| 7 | Rete venosum dorsale pedis | 15 | Vv. digitales pedis dorsales |
| 8 | Arcus venosus dorsalis pedis | 16 | Vv. digitales plantares |

17 SYSTEMA LYMPHATICUM

18 VASA LYMPHATICA

- 19 Vasa lymphatica superficialia
- 20 Vasa lymphatica profunda
- 21 Truncus jugularis
- 22 Truncus subclavius
- 23 Truncus bronchomediastinalis dexter
- 24 Ductus lymphaticus dexter

25 Ductus thoracicus

- 26 Trunci lumbales
- 27 Truncus intestinalis
- 28 Cisterna chyli

29 Lymphoglandulae

- 30 Vasa afferentia
- 31 Vasa efferentia
- 32 Substantia corticalis
- 33 Substantia medullaris
- 34 Hilus
- 35 Lymphoglandulae occipitales
- 36 " auriculares posteriores
- 37 " auriculares anteriores
- 38 " submaxillares
- 39 " faciales profundae
- 40 " parotideae
- 41 " cervicales superficiales

42 Lymphoglandulae cervicales profundae superiores

- 43 " cervicales profundae inferiores
- 44 " linguales
- 45 " axillares
- 46 " subscapulares
- 47 " pectorales
- 48 " epigastricae
- 49 " cubitales superficiales
- 50 " cubitales profundae
- 51 " tracheales
- 52 " bronchiales
- 53 " intercostales
- 54 " mediastinales posteriores
- 55 " mediastinales anteriores
- 56 " sternales
- 57 " iliacae
- 58 " lumbales
- 59 " coelicae
- 60 " gastricae superiores
- 61 " gastricae inferiores
- 62 " hepaticae
- 63 " pancreaticolienales
- 64 " mesentericae
- 65 " mesocolicae
- 66 " hypogastricae

1	V. asphens parva	9	V. digitalis communis pedis
2	V. femoropropit	10	V. metastema dorsalis pedis
3	V. paronema	11	V. intercapitulum
4	V. poplitea	12	Rare venosum plantae
5	V. tibialis posterior	13	Arco venosum plantae
6	V. tibialis anterior	14	V. metastema plantae
7	Rare venosum dorsalis pedis	15	V. digitalis pedis dorsalis
8	Arco venosum dorsalis pedis	16	V. digitalis plantae

17 SYSTEMA LYMPHATICUM

19	Vena lymphatica superficialis	45	Lymphoglandulae cervicales profundae
20	Vasa lymphatica profunda	46	"
21	Truncus jugularis	47	"
22	Truncus subclavius	48	"
23	Truncus bronchomediastinalis dexter	49	"
24	Ductus lymphaticus dexter	50	"
25	Ductus thoracicus	51	"
26	Truncus lumbalis	52	"
27	Truncus intestinalis	53	"
28	Cisterna chyli	54	"
29	Lymphoglandulae	55	"
30	Vasa afferentia	56	"
31	Vasa efferentia	57	"
32	Substantia corticalis	58	"
33	Substantia medullaris	59	"
34	Milia	60	"
35	Lymphoglandulae occipitales	61	"
36	" arteriales posteriores	62	"
37	" arteriales anteriores	63	"
38	" submaxillares	64	"
39	" lactales profundae	65	"
40	" parotidomae	66	"
41	" cervicales superficiales		

- | | |
|--------------------------------------|------------------------------|
| 1 Lymphoglandulae sacrales | 9 Plexus axillaris |
| 2 " inguinales | 10 Plexus mammarius |
| 3 " subinguinales superficiales | 11 Plexus lumbalis |
| 4 " subinguinales profundae | 12 Plexus aorticus |
| 5 " popliteae | 13 Plexus sacralis medius |
| 6 (Lymphoglandula tibialis anterior) | 14 Plexus hypogastricus |
| | 15 Plexus coeliacus |
| 7 PLEXUS LYMPHATICI | 16 Plexus iliacus externus |
| 8 Plexus jugularis | 17 Plexus inguinalis |
| 9 Plexus limitans ventriculorum | 18 Plexus nervorum spinalium |
| 10 Nuclei nervorum cerebrallium | |

19 SYSTEMA NERVORUM CENTRALE

- | | |
|----------------------------------|---|
| 20 MEDULLA SPINALIS | 39 Sectiones medullae spinalis |
| 21 Pars cervicalis | 40 Cornua centralia |
| 22 Intussusceptio cervicalis | 41 Substantia grisea centralis |
| 23 Pars thoracalis | 42 Commissura anterior alba |
| 24 Pars lumbalis | 43 Commissura anterior grisea |
| 25 Intussusceptio lumbalis | 44 Commissura posterior |
| 26 Cornu medullaris | 45 Columna grisea |
| 27 Fila terminalia | 46 Columna anterior |
| 28 Ventrliculus terminalis | 47 Columna lateralis |
| 29 Fissura mediana anterior | 48 Columna posterior |
| 30 Sulcus medianus posterior | 49 Cerebra columnae posterioris |
| 31 Sulcus lateralis anterior | 50 Apex columnae posterioris |
| 32 Sulcus lateralis posterior | 51 Substantia gelatinosa [Rolandi] |
| 33 Sulcus intermedius posterior | 52 Nucleus dorsalis [Stilling, Charcot] |
| 34 (Sulcus intermedius anterior) | |
| 35 Funiculi medullae spinalis | 53 Nucleus reticularis |
| 36 Funiculus anterior | 54 Funiculus anterior |
| 37 Funiculus lateralis | 55 Fasciculus cerebrospinalis anterior [pyramidalis anterior] |
| 38 Funiculus posterior | |

9 Plexus axillaris
10 Plexus brachialis
11 Plexus lumbalis
12 Plexus sacralis
13 Plexus sacralis medialis
14 Plexus hypogastricus
15 Plexus coeliacus
16 Plexus ilio-cavernosus
17 Plexus inguinalis

1 Lymphoglandulae axillares
2 " " " " " "
3 Lymphoglandulae superficiales
4 " " " " " "
5 " " " " " "
6 (Lymphoglandula tibialis anterior)
7 PLEXUS LUMBARIS
8 Plexus jugularis

1 NEUROLOGIA

- | | |
|---------------------------------|------------------------------|
| 2 Nervus | 11 Nuclei originis |
| 3 Ganglion | 12 Nuclei terminales |
| 4 Substantia alba | 13 Ramus communicans |
| 5 Substantia grisea | 14 Ramus anastomoticus |
| 6 Substantia gelatinosa | 15 Ramus muscularis |
| 7 Taenia telarum | 16 Nervus cutaneus |
| 8 Ependyma ventriculorum | 17 Nervus articularis |
| 9 Sulcus limitans ventriculorum | 18 Plexus nervorum spinalium |
| 10 Nuclei nervorum cerebralia | |

19 SYSTEMA NERVORUM CENTRALE

- | | |
|----------------------------------|---|
| 20 MEDULLA SPINALIS | 39 <u>Sectiones medullae spinalis</u> |
| 21 Pars cervicalis | 40 Canalis centralis |
| 22 Intumescentia cervicalis | 41 Substantia grisea centralis |
| 23 Pars thoracalis | 42 Commissura anterior alba |
| 24 Pars lumbalis | 43 Commissura anterior grisea |
| 25 Intumescentia lumbalis | 44 Commissura posterior |
| 26 Conus medullaris | 45 Columnae griseae |
| 27 Filum terminale | 46 Columna anterior |
| 28 Ventriculus terminalis | 47 Columna lateralis |
| 29 Fissura mediana anterior | 48 Columna posterior |
| 30 Sulcus medianus posterior | 49 Ceryx columnae posterioris |
| 31 Sulcus lateralis anterior | 50 Apex columnae posterioris |
| 32 Sulcus lateralis posterior | 51 Substantia gelatinosa [Rolandi] |
| 33 Sulcus intermedius posterior | 52 Nucleus dorsalis [Stillingi, Clarkii] |
| 34 (Sulcus intermedius anterior) | 53 Formatio reticularis |
| 35 Funiculi medullae spinalis | 54 Funiculus anterior |
| 36 Funiculus anterior | 55 Fasciculus cerebrospinalis anterior [pyramidalis anterior] |
| 37 Funiculus lateralis | |
| 38 Funiculus posterior | |

1. NEUROLOGY

10	Nuclei nervorum cerebelli	10	Nervus
9	Sulcus limitans ventriculorum	9	Ganglion
8	Epithymus ventriculorum	4	Substantia alba
7	Tentorium telatum	5	Substantia grisea
6	Substantia gelatinosa	13	Radius communis
5	Substantia grisea	14	Radius anastomosis
4	Substantia alba	15	Radius musculosa
3	Ganglion	16	Nervus cutaneus
2	Nervus	17	Nervus articularis
1	Nuclei nervorum cerebelli	18	Plaque nervorum epistoma

2. SYSTEMA NERVORUM CENTRALE

30	MEDULLA SPINALIS	30	Sectiones medullae spinalis
29	Partes cervicales	40	Canalis centralis
28	Intumescentia cervicis	41	Substantia grisea centralis
27	Partes thoracales	42	Commissura anterior alba
26	Partes lumbales	43	Commissura anterior grisea
25	Intumescentia lumbalis	44	Commissura posterior
24	Conus medullaris	45	Columna grisea
23	Truncus terminalis	46	Columna anterior
22	Ventriculus terminalis	47	Columna lateralis
21	Truncus medialis anterior	48	Columna posterior
20	Sulcus medialis posterior	49	Cervix columnae posterioris
19	Sulcus lateralis anterior	50	Apex columnae posterioris
18	Sulcus lateralis posterior	51	Substantia gelatinosa (Roland)
17	Sulcus intermedius posterior	52	Nucleus dorsalis (Stilling)
16	Sulcus intermedius anterior	53	Nucleus dorsalis (Clark)
15	Truncus medialis spinalis	54	Truncus rostralis
14	Truncus anterior	55	Truncus posterior
13	Truncus lateralis	56	Truncus medialis
12	Truncus posterior	57	Truncus lateralis
11	Truncus medialis	58	Truncus posterior
10	Truncus lateralis	59	Truncus medialis
9	Truncus posterior	60	Truncus lateralis
8	Truncus medialis	61	Truncus posterior
7	Truncus lateralis	62	Truncus medialis
6	Truncus posterior	63	Truncus lateralis
5	Truncus medialis	64	Truncus posterior
4	Truncus lateralis	65	Truncus medialis
3	Truncus posterior	66	Truncus lateralis
2	Truncus medialis	67	Truncus posterior
1	Truncus lateralis	68	Truncus medialis

- | | |
|--|--|
| 1 Fasciculus anterior proprius
[Flechsigi] | 5 Fasciculus anterolateralis
superficialis [Gowers] |
| 2 Funiculus lateralis | 6 Fasciculus lateralis proprius
[Flechsigi] |
| 3 Fasciculus cerebrospinalis
lateralis [pyramidalis
lateralis] | 7 Funiculus posterior |
| 4 Fasciculus cerebellospinalis | 8 Fasciculus gracilis [Golli] |
| | 9 Fasciculus cuneatus
[Burdach] |

10 ENCEPHALON

11 RHOMBENCEPHALON

- | | |
|---|---|
| 12 MYELENCEPHALON | |
| 13 Medulla
oblongata | 40 Nucleus funiculi cuneati |
| 14 Fissura mediana posterior | 41 Nuclei laterales |
| 15 Fissura mediana anterior | 42 Nucleus olivaris inferior |
| 16 Foramen caecum | 43 Hilus nuclei olivaris |
| 17 Pyramis medullae
oblongatae | 44 Nucleus olivaris accessorius
medialis |
| 18 Decussatio pyramidum | 45 Nucleus olivaris accessorius dor-
salis |
| 19 Sulcus lateralis anterior | 46 Nuclei arcuati |
| 20 Sulcus lateralis posterior | 47 Fibrae arcuatae internae |
| 21 Oliva | 48 Substantia reticularis grisea |
| 22 Corpus restiforme | 49 Substantia reticularis alba |
| 23 Funiculus lateralis | 50 Fasciculus longitudinalis
medialis |
| 24 Funiculus cuneatus | 51 Stratum interolivare lemnisci |
| 25 Tuberculum cinereum | 53 Corpus restiforme |
| 26 Funiculus gracilis | 54 Fasciculi corporis restiformis |
| 27 Clava | 55 Fibrae cerebelloolivares |
| 28 Fibrae arcuatae externae | 56 Fasciculi pyramidales |
| 29 Sectiones medullae
oblongatae | 57 Fibrae arcuatae externae |
| 30 Raphe | 58 Ventrículus
quartus |
| 31 Stratum nucleare | 59 Fossa rhomboidea |
| 32 Nucleus n. hypoglossi | 60 Pars inferior fossae rhomboid-
eae |
| 33 Nucleus ambiguus | 61 [Calamus scriptorius] |
| 34 Nucleus alae cinereae | 62 Pars intermedia [fossa rhom-
boideae] |
| 35 Tractus solitarius | 63 Recessus lateralis fossae
rhomboideae |
| 36 Nucleus tractus solitarii | 64 Pars superior fossae rhomboideae |
| 37 Tractus spinalis n. trigemini | 65 Sulcus limitans [fossae rhomboideae] |
| 38 Nucleus tractus spinalis n. trigemini
trigemini | 66 Fovea inferior |
| 39 Nucleus funiculi gracilis | |

- 1 Fovea superior
- 2 Trigonum n. hypoglossi
- 3 Striae medullares
- 4 Eminentia medialis
- 5 Colliculus facialis
- 6 Ala cinerea
- 7 Area acustica
- 8 Locus caeruleus
- 9 Tegmen ventriculi quarti
- 10 Velum medullare posterius
- 11 Taenia ventriculi quarti
- 12 Obex
- 13 Lamina chorioidea epithelialis
- 14 (Apertura medialis ventriculi quarti)
- 15 [Foramen Magendii])
- 16 (Apertura lateralis ventriculi quarti)
- 17 Fastigium
- 18 METENCEPHALON
- 19 Pons [Varolii]
- 20 Sulcus basilaris
- 21 Fasciculus obliquus [pontis]
- 22 (Fila lateralia pontis)
- 23 Brachium pontis
- 24 Sectiones pontis
- 25 Pars dorsalis pontis
- 26 Raphe
- 27 Nucleus n. abducentis
- 28 Nuclei motorii n. trigemini
- 29 Radix descendens [mesencephalica] n. trigemini
- 30 Tractus spinalis n. trigemini
- 31 Nucleus tractus spinalis n. trigemini
- 32 Nucleus n. facialis
- 33 Radix n. facialis
- 34 Pars prima
- 35 Genu internum
- 36 Pars secunda
- 37 Nuclei n. acustici
- 38 Nuclei n. cochlearis
- 39 Nuclei n. vestibularis
- 40 Nucleus olivaris superior
- 41 Nucleus lemnisci lateralis
- 42 Fasciculus longitudinalis medialis
- 43 Formatio reticularis
- 44 Corpus trapezoideum
- 45 Lemniscus
- 46 46 Lemniscus medialis [sensitivus]
- 47 Lemniscus lateralis [acusticus]
- 48 Pars basilaris pontis
- 49 Fibrae pontis profundae
- 50 Fasciculi longitudinales [pyramidales]
- 51 Nuclei pontis
- 52 Fibrae pontis superficiales
- 53 Cerebellum
- 54 Gyri cerebelli
- 55 Sulci cerebelli
- 56 Vallecula cerebelli
- 57 Incisura cerebelli anterior
- 58 Incisura cerebelli posterior
- 59 Sulcus horizontalis cerebelli
- 60 Fissura transversa cerebelli
- 61 Vermis
- 62 Lingula cerebelli
- 63 Vincula lingulae cerebelli
- 64 Lobulus centralis
- 65 Monticulus
- 66 Culmen
- 67 Declive
- 68 Folium vermis
- 69 Tuber vermis
- 70 Pyramis [vermis]
- 71 Uvula [vermis]
- 72 Nodulus
- 73 Hemisphaerium cerebelli
- 74 Facies superior
- 75 Ala lobuli centralis
- 76 Lobulus quadrangularis
- 77 Pars anterior
- 78 Pars posterior

- | | |
|--------------------------------|------------------------------|
| 1 Lobulus semilunaris superior | 20 Hilus nucleii dentati |
| 2 Facies inferior | 21 Nucleus fastigii |
| 3 Lobulus semilunaris inferior | 22 Nucleus globosus |
| 3 Lobulus gracilis | 23 Nucleus emboliformis |
| 4 Lobulus biventer | 24 Capsula nucleii dentati |
| 5 Tonsilla cerebelli | 25 Isthmus rhombencephali |
| 6 Flocculus | 25 Brachium conjunctivum |
| 7 (Flocculi secundarii) | [cerebelli] |
| 8 Pedunculus flocculi | 27 Lemniscus |
| 9 Nidus avis. | 28 Lemniscus lateralis |
| 10 Sectiones cerebelli | 29 Lemniscus medialis |
| 11 Corpus medullare | 30 Trigonum lemnisci |
| 12 Laminae medullares | 31 Velum medullare anterius |
| 13 Arbor vitae | 32 Frenulum veli medullaris |
| 14 Substantia corticalis | anterioris |
| 15 [Lamina basalis] | 33 Sectiones isthmi |
| 16 [Stratum cinereum] | [vide Pedunculus cerebri] |
| 17 [Stratum gangliosum] | 34 Ganglion interpedunculare |
| 18 [Stratum granulosum] | 35 Nucleus n. trochlearis |
| 19 Nucleus dentatus | |

36 C E R E B R U M

- | | |
|-------------------------------------|----------------------------------|
| 37 Facies convexa cerebri | 50 Sectiones pedunculi |
| 38 Facies medialis cerebri | cerebri |
| 39 Basis cerebri | 51 T e g m e n t u m |
| 40 MESENCEPHALON | 52 Stratum griseum centrale |
| 41 [Facies inferior] | 53 Formatio reticularis |
| 42 Fossa interpeduncularis [Tarini] | 54 Fasciculus longitudinalis |
| 43 Recessus anterior | medialis |
| 44 Recessus posterior | 55 Radix descendens n. trigemini |
| 45 Substantia perforata posterior | 56 Nucleus radialis descendens |
| 46 Pedunculus | n. trigemini |
| cerebri | 57 Nucleus n. oculomotorii |
| 47 Aquaeductus cerebri [Sylvii] | 58 Nuclei tegmenti |
| 48 Sulcus lateralis | 59 Nucleus ruber |
| 49 Sulcus n. oculomotorii | 60 Decussationes tegmentorum |
| | 61 Decussatio brachii |
| | conjunctivi |
| | 62 Lemniscus lateralis |
| | 63 Lemniscus medialis |
| | 64 Substantia nigra |
| | 65 Basis pedunculi |

C o r p o r aq u a d r i g e m i n a

- 2 Lamina quadrigemina
- 3 Colliculus superior
- 4 Colliculus inferior
- 5 Brachium quadrigeminum superius
- 6 Brachium quadrigeminum inferius
- 7 Sectiones corporum quadrigeminorum
- 8 Stratum zonale
- 9 Stratum griseum colliculi superioris
- 10 Nucleus colliculi inferioris
- 11 Stratum album profundum

12 PROSENCEPHALON13 Diencephalon

- 14 V e n t r i c u l u s t e r t i u s
- 15 Aditus ad aquaeductum cerebri
- 16 Commissura posterior [cerebri]
- 17 Foramen interventriculare [Monroi]
- 18 Sulcus hypothalamicus [Monroi]
- 19 Massa intermedia
- 20 Recessus opticus
- 21 Recessus infundibuli
- 22 Commissura anterior [cerebri]
- 23 Recessus triangularis

24 Hypothalamus

- 25 P a r s m a m i l l a r i s
h y p o t h a l a m i
- 26 Corpus mamillare
- 27 P a r s o p t i c a
h y p o t h a l a m i
- 28 Tuber cinereum
- 29 Infundibulum
- 30 Hypophysis
 - 31 Lobus anterior
 - 32 Lobus posterior
- 33 Tractus opticus
 - 34 Radix medialis
 - 35 Radix lateralis
- 36 Chiasma opticum
- 37 Lamina terminalis

38 Sectiones hypothalami

- 39 Nucleus hypothalamicus
[Corpus Luysi]
- 40 Pars grisea hypothalami
- 41 Commissura superior [Meynerti]
- 42 Commissura inferior [Guddeni]
- 43 Nuclei corporis mamillaris
- 44 Fasciculus thalamomamillaris
[Vicq' d'Azyri]
- 45 Fasciculi pedunculomamillares
 - 46 Pars tegmentalis
 - 47 Pars basilaris
- 48 Ansa peduncularis
- 49 Ansa lenticularis
- 50 Pedunculus thalami inferior

51 Thalamencephalon52 Thalamus

- 53 Pulvinar
- 54 Tuberculum anterius thalami
- 55 Taenia thalami
- 56 Stria medullaris
- 57 Lamina chorioidea epithelialis
- 58 M e t a t h a l a m u s
- 59 Corpus geniculatum mediale
- 60 Corpus geniculatum laterale

61 Epithalamus

- 62 Corpus pineale
- 63 Recessus pinealis
- 64 Recessus suprapinealis
- 65 Habenula
- 66 Commissura habenularum
- 67 Trigonum habenulae
- 68 Sectiones thalamencephali
- 69 Stratum zonale
- 70 Nucleus anterior thalami
- 71 Nucleus medialis thalami
- 72 Nucleus lateralis thalami
- 73 Laminae medullares thalami

38	Sectiones hypophallae
39	Nucleus hypophallae
40	Corpus [Lysa]
41	Partes anteriores hypophallae
42	Commissura superior [Lysa]
43	Commissura inferior [Lysa]
44	Nucleus corporis mammillaris
45	Sectiones thalamus mammillaris
46	Partes anteriores thalamus
47	Partes posteriores thalamus
48	Partes anteriores thalamus
49	Partes posteriores thalamus
50	Sectiones thalamus inferior

51 Thalamus

52	Thalamus
53	Partes anteriores thalamus
54	Partes posteriores thalamus
55	Partes laterales thalamus
56	Partes mediales thalamus
57	Partes anteriores thalamus
58	Partes posteriores thalamus
59	Partes laterales thalamus
60	Partes mediales thalamus

61 Epithalamus

62	Corpus pineale
63	Recessus pinealis
64	Recessus suprapinealis
65	Habenula
66	Commissura habenularum
67	Trigonum habenulae
68	Sectiones thalamus superior
69	Stratum zonale
70	Nucleus anterior thalamus
71	Nucleus medialis thalamus
72	Nucleus lateralis thalamus
73	Laminae medulares thalamus

74	Sectiones thalamus inferior
75	Stratum zonale
76	Nucleus anterior thalamus
77	Nucleus medialis thalamus
78	Nucleus lateralis thalamus
79	Laminae medulares thalamus
80	Sectiones thalamus superior
81	Stratum zonale
82	Nucleus anterior thalamus
83	Nucleus medialis thalamus
84	Nucleus lateralis thalamus
85	Laminae medulares thalamus

86 Rhombencephalon

87 Metencephalon

88	Ventriculus tertius
89	Aditus ad aqueductum cerebri
90	Commissura posterior [Cerebrum]
91	Foramen interventriculare [Nervus]
92	Nucleus hypophallae [Nervus]
93	Massa intermedia
94	Recessus opticus
95	Recessus infundibularis
96	Commissura anterior [Cerebrum]
97	Recessus triangularis

98 Hypophallae

99	Partes mammillares
100	Hypophallae
101	Corpus mammillare
102	Partes anteriores
103	Hypophallae
104	Tuber cinereum
105	Infundibulum
106	Hypophysis
107	Lobus anterior
108	Lobus posterior
109	Tractus opticus
110	Radix medialis
111	Radix lateralis
112	Chiasma opticum
113	Lamina terminalis

- 1 Nucleus corporis geniculati
medialis
- 2 Nucleus corporis geniculati
lateralis
- 3 Nucleus habenulae
- 4 Fasciculus retroflexus
(Meynerti)
- 5 Telencephalon
- 6 Hemisphere
- 7 Pallidum
- 8 Fissura longitudinalis cerebri
- 9 Fissura transversa cerebri
- 10 Gyri cerebri
 - 11 Gyri profundi
 - 12 Gyri transitivi
- 13 Sulci cerebri
- 14 Impressio petrosa
- 15 Fossa cerebri lateralis
(Sylvii)
- 16 Fissura cerebri lateralis
(Sylvii)
 - 17 Ramus posterior
 - 18 Ramus anterior ascendens
 - 19 Ramus anterior horizontalis
- 20 Lobus cerebri
- 21 Insula
- 22 Gyri insulae
- 23 Gyrus longus insulae
- 24 Gyri breves insulae
- 25 Sulcus circularis (Reili)
- 26 Operculum
 - 27 Pars frontalis
 - 28 Pars parietalis
 - 29 Pars temporalis
- 30 Sulcus centralis (Rolandi)
- 31 Gyrus centralis anterior
- 32 Gyrus centralis posterior
- 33 Lobus frontalis
- 34 Polus frontalis
- 35 Sulcus praecentralis
- 36 Gyrus frontalis superior
- 37 Sulcus frontalis superior
- 38 Gyrus frontalis medius
 - 39 Pars superior
 - 40 Pars inferior
- 41 Sulcus frontalis inferior
- 42 Gyrus frontalis inferior
 - 43 Pars opercularis
 - 44 Pars triangularis
 - 45 Pars orbitalis
- 46 Gyrus rectus
- 47 Sulcus olfactorius
- 48 Gyri orbitales
- 49 Sulci orbitales
- 50 Lobus temporalis
- 51 Polus temporalis
- 52 Sulci temporales transversi
- 53 Gyri temporales transversi
- 54 Gyrus temporalis superior
- 55 Sulcus temporalis superior
- 56 Gyrus temporalis medius
- 57 Sulcus temporalis medius
- 58 Gyrus temporalis inferior
- 59 Sulcus temporalis inferior
- 60 Fissura collateralis
- 61 Gyrus fusiformis
- 62 Gyrus lingualis
- 63 Lobus occipitalis
- 64 Polus occipitalis
- 65 Sulcus occipitalis transversus
- 66 Gyri occipitales superiores
- 67 Sulci occipitales superiores
- 68 Gyri occipitales laterales
- 69 Sulci occipitales laterales
- 70 Lobus parietalis
- 71 Lobulus parietalis superior
- 72 Sulcus interparietalis
- 73 Lobulus parietalis inferior
- 74 Gyrus supramarginalis
- 75 Gyrus angularis
- 76 Facies medialis hemisphaerii
- 77 Sulcus corporis callosi
- 78 Sulcus cinguli
- 79 Pars subfrontalis

- 1 Pars marginalis
- 2 Sulcus subparietalis
- 3 Fissura hippocampi
- 4 Gyrus fornicatus
 - 5 Gyrus cinguli
 - 6 Isthmus gyri fornicati
 - 7 Gyrus hippocampi
 - 8 Uncus [gyri hippocampi]
- 9 Substantia reticularis alba [Arnoldi]
- 10 Lobulus paracentralis
- 11 Praecuneus
- 12 Fissura parietooccipitalis
- 13 Fissura calcarina
- 14 Cuneus
- 15 Corpus callosum
- 16 Splenium corporis callosi
- 17 Truncus corporis callosi
- 18 Genu corporis callosi
- 19 Rostrum corporis callosi
 - 20 Lamina rostralis
- 21 Striae transversae
- 22 Stria longitudinalis medialis
- 23 Stria longitudinalis lateralis
- 24 Fasciola cinerea
- 25 Fornix
- 26 Crus fornicis
- 27 Corpus fornicis
- 28 Taenia fornicis
- 29 Columna fornicis
 - 30 Pars libera columnae fornicis
 - 31 Pars tecta columnae fornicis
 - 32 Septum pellucidum
- 33 Lamina septi pellucidi
- 34 Cavum septi pellucidi
- 35 Ventriculus lateralis
- 36 Pars centralis
- 37 Cornu anterius
- 38 Cornu posterius
- 39 Cornu inferius
- 40 Corpus striatum
- 41 Nucleus caudatus
 - 42 Caput nuclei caudati
 - 43 Cauda nuclei caudati
- 44 Stria terminalis
- 45 Lamina affixa
- 46 Taenia chorioidea
- 47 Lamina chorioidea epithelialis
- 48 Calcar avis
- 49 (Bulbus cornu posterioris)
- 50 Eminentia collateralis
- 51 Trigonum collaterale
- 52 Hippocampus
- 53 Fimbria hippocampi
- 54 Taenia fimbriae
- 55 Digitationes hippocampi
- 56 Fascia dentata hippocampi
- 57 Commissura hippocampi
- 58 Rhinencephalon
- 59 Sulcus parolfactorius anterior [rhinencephali]
- 60 Pars anterior
- 61 Lobus olfactorius
 - 62 Bulbus olfactorius
 - 63 Tractus olfactorius
 - 64 Trigonum olfactorium
 - 65 Stria medialis
 - 66 Stria intermedia
- 67 Area parolfactoria [Brocae]
- 68 Sulcus parolfactorius posterior
- 69 Pars posterior [rhinencephali]
- 70 Gyrus subcallosus [Pedunculus corporis callosi]
- 71 Substantia perforata anterior
- 72 Stria olfactoria lateralis
- 73 Limen insulae
- 74 Sectiones telencephali
- 75 Substantia corticalis
- 76 Centrum semiovale
- 77 Decursus fibrarum cerebralium

39	Corymbus (L.)
40	Corymbus (L.)
41	Corymbus (L.)
42	Corymbus (L.)
43	Corymbus (L.)
44	Corymbus (L.)
45	Corymbus (L.)
46	Corymbus (L.)
47	Corymbus (L.)
48	Corymbus (L.)
49	Corymbus (L.)
50	Corymbus (L.)
51	Corymbus (L.)
52	Corymbus (L.)
53	Corymbus (L.)
54	Corymbus (L.)
55	Corymbus (L.)
56	Corymbus (L.)
57	Corymbus (L.)
58	Corymbus (L.)
59	Corymbus (L.)
60	Corymbus (L.)
61	Corymbus (L.)
62	Corymbus (L.)
63	Corymbus (L.)
64	Corymbus (L.)
65	Corymbus (L.)
66	Corymbus (L.)
67	Corymbus (L.)
68	Corymbus (L.)
69	Corymbus (L.)
70	Corymbus (L.)
71	Corymbus (L.)
72	Corymbus (L.)
73	Corymbus (L.)
74	Corymbus (L.)
75	Corymbus (L.)
76	Corymbus (L.)
77	Corymbus (L.)

1	Corymbus (L.)
2	Corymbus (L.)
3	Corymbus (L.)
4	Corymbus (L.)
5	Corymbus (L.)
6	Corymbus (L.)
7	Corymbus (L.)
8	Corymbus (L.)
9	Corymbus (L.)
10	Corymbus (L.)
11	Corymbus (L.)
12	Corymbus (L.)
13	Corymbus (L.)
14	Corymbus (L.)
15	Corymbus (L.)
16	Corymbus (L.)
17	Corymbus (L.)
18	Corymbus (L.)
19	Corymbus (L.)
20	Corymbus (L.)
21	Corymbus (L.)
22	Corymbus (L.)
23	Corymbus (L.)
24	Corymbus (L.)
25	Corymbus (L.)
26	Corymbus (L.)
27	Corymbus (L.)
28	Corymbus (L.)
29	Corymbus (L.)
30	Corymbus (L.)
31	Corymbus (L.)
32	Corymbus (L.)
33	Corymbus (L.)
34	Corymbus (L.)
35	Corymbus (L.)
36	Corymbus (L.)
37	Corymbus (L.)
38	Corymbus (L.)
39	Corymbus (L.)
40	Corymbus (L.)
41	Corymbus (L.)
42	Corymbus (L.)
43	Corymbus (L.)
44	Corymbus (L.)
45	Corymbus (L.)
46	Corymbus (L.)
47	Corymbus (L.)
48	Corymbus (L.)
49	Corymbus (L.)
50	Corymbus (L.)
51	Corymbus (L.)
52	Corymbus (L.)
53	Corymbus (L.)
54	Corymbus (L.)
55	Corymbus (L.)
56	Corymbus (L.)
57	Corymbus (L.)
58	Corymbus (L.)
59	Corymbus (L.)
60	Corymbus (L.)
61	Corymbus (L.)
62	Corymbus (L.)
63	Corymbus (L.)
64	Corymbus (L.)
65	Corymbus (L.)
66	Corymbus (L.)
67	Corymbus (L.)
68	Corymbus (L.)
69	Corymbus (L.)
70	Corymbus (L.)
71	Corymbus (L.)
72	Corymbus (L.)
73	Corymbus (L.)
74	Corymbus (L.)
75	Corymbus (L.)
76	Corymbus (L.)
77	Corymbus (L.)

- | | | | |
|----|---|----|--|
| 1 | Fibrae arcuatae cerebri | 34 | Falx cerebri |
| 2 | Cingulum | 35 | Tentorium cerebelli |
| 3 | Fasciculus longitudinalis superior | 36 | Falx cerebelli |
| 4 | Fasciculus longitudinalis inferior | 37 | Diaphragma sellae |
| 5 | Fasciculus uncinatus | 38 | Foramen diaphragmatis [sellae] |
| 6 | Radiatio corporis callosi | 39 | Incisura tentorii |
| 7 | Pars frontalis | 40 | Dura mater spinalis |
| 8 | Pars parietalis | 41 | Filum durae matris spinalis |
| 9 | Pars temporalis | 42 | Cavum epidurale |
| 10 | Pars occipitalis | 43 | Cavum subdurale |
| 11 | Tapetum | 44 | Arachnoidea spinalis |
| 12 | Nucleus lentiformis | 45 | Arachnoidea encephali |
| 13 | Putamen | 46 | Cavum subarachnoideale |
| 14 | Globus pallidus | 47 | Cisternae subarachnoidales |
| 15 | Clastrum | 48 | Cisterna cerebellomedullaris |
| 16 | Capsula externa | 49 | Cisterna fossae lateralis cerebri [Sylvii] |
| 17 | Capsula interna | 50 | Cisterna chiasmatis |
| 18 | Genu capsulae internae | 51 | Cisterna interpeduncularis |
| 19 | Pars frontalis capsulae internae | 52 | Cisterna venae magnae cerebri |
| 20 | Pars occipitalis capsulae internae | 53 | Granulationes arachnoideales [Pacchioni] |
| 21 | Nucleus amygdalae | 54 | Pia mater spinalis |
| 22 | Corona radiata | 55 | Lig. denticulatum |
| 23 | Pars frontalis | 56 | Septum cervicale intermedium |
| 24 | Pars parietalis | 57 | Pia mater encephali |
| 25 | Pars temporalis | 58 | Tela chorioidea ventriculi quarti |
| 26 | Pars occipitalis | 59 | Plexus chorioideus ventriculi quarti |
| 27 | Radiatio corporis striati | 60 | Tela chorioidea ventriculi tertii |
| 28 | Radiatio occipitothalamica [Gratioleti] | 61 | Plexus chorioideus ventriculi tertii |
| 29 | Commissura anterior [cerebri] | 62 | Plexus chorioideus ventriculi lateralis |
| 30 | Pars anterior | 63 | Glomus chorioideum |
| 31 | Pars posterior | 64 | Acervulus |
| 32 | MENINGES | | |
| 33 | Dura mater encephali | | |

34	Part 100000
35	Part 100000
36	Part 100000
37	Part 100000
38	Part 100000
39	Part 100000
40	Part 100000
41	Part 100000
42	Part 100000
43	Part 100000
44	Part 100000
45	Part 100000
46	Part 100000
47	Part 100000
48	Part 100000
49	Part 100000
50	Part 100000
51	Part 100000
52	Part 100000
53	Part 100000
54	Part 100000
55	Part 100000
56	Part 100000
57	Part 100000
58	Part 100000
59	Part 100000
60	Part 100000
61	Part 100000
62	Part 100000
63	Part 100000
64	Part 100000
65	Part 100000
66	Part 100000
67	Part 100000
68	Part 100000
69	Part 100000
70	Part 100000
71	Part 100000
72	Part 100000
73	Part 100000
74	Part 100000
75	Part 100000
76	Part 100000
77	Part 100000
78	Part 100000
79	Part 100000
80	Part 100000
81	Part 100000
82	Part 100000

1	Part 100000
2	Part 100000
3	Part 100000
4	Part 100000
5	Part 100000
6	Part 100000
7	Part 100000
8	Part 100000
9	Part 100000
10	Part 100000
11	Part 100000
12	Part 100000
13	Part 100000
14	Part 100000
15	Part 100000
16	Part 100000
17	Part 100000
18	Part 100000
19	Part 100000
20	Part 100000
21	Part 100000
22	Part 100000
23	Part 100000
24	Part 100000
25	Part 100000
26	Part 100000
27	Part 100000
28	Part 100000
29	Part 100000
30	Part 100000
31	Part 100000
32	Part 100000
33	Part 100000
34	Part 100000
35	Part 100000
36	Part 100000
37	Part 100000
38	Part 100000
39	Part 100000
40	Part 100000
41	Part 100000
42	Part 100000
43	Part 100000
44	Part 100000
45	Part 100000
46	Part 100000
47	Part 100000
48	Part 100000
49	Part 100000
50	Part 100000
51	Part 100000
52	Part 100000
53	Part 100000
54	Part 100000
55	Part 100000
56	Part 100000
57	Part 100000
58	Part 100000
59	Part 100000
60	Part 100000
61	Part 100000
62	Part 100000
63	Part 100000
64	Part 100000
65	Part 100000
66	Part 100000
67	Part 100000
68	Part 100000
69	Part 100000
70	Part 100000
71	Part 100000
72	Part 100000
73	Part 100000
74	Part 100000
75	Part 100000
76	Part 100000
77	Part 100000
78	Part 100000
79	Part 100000
80	Part 100000
81	Part 100000
82	Part 100000

Part 100000

1 SYSTEMA NERVORUM PERIPHERICUM

2 NERVI CEREBRALES

3 NN. OLFACTORII

4 N. OPTICUS

5 N. OCULOMOTORIUS

6 Ramus superior

7 Ramus inferior

8 Radix brevis ganglii
ciliaris

9 N. TROCHLEARIS

10 Decussatio nervorum trochlearium

11 N. TRIGEMINUS

12 Portio major

13 Ganglion semilunare [Gasseri]

14 Portio minor

15 N. ophthalmicus

16 N. tentorii

17 N. lacrimalis

18 Ramus anastomoticus cum n.
zygomatiko

19 N. frontalis

20 N. supraorbitalis

21 Ramus frontalis

22 N. supratrochlearis

23 N. nasociliaris

24 Radix longa ganglii
ciliaris

25 Nn. ciliares longi

26 N. ethmoidalis posterior

27 N. ethmoidalis anterior

28 Rami nasales anteriores

29 Rami nasales
interni

30 Rami nasales
laterales

31 Rami nasales
mediales

32 Ramus nasalis exter-
nus

33 N. infratrochlearis

34 Ramus palpebralis superior

35 R. palpebralis inferior

36 G. ciliare

37 Nn. ciliares breves

38 N. maxillaris

39 N. meningeus [medius]

40 N. xygomaticus

41 Ramus zygomaticotemporalis

42 Ramus zygomatocfacialis

43 Nn. sphenopalatini

44 Nn. alveolares superiores

45 Rami alveolares superiores
posteriores

46 N. infraorbitalis

47 R. alveolaris superior
medius

48 Rami alveolares superiores
anteriores

49 Plexus dentalis
superior

50 Rami dentales superiores

51 Rami gingivales sup-
eriores

52 Rami palpebrales inferiores

53 Rami nasales externi

54 Rami nasales interni

55 Rami labiales superiores

56 Ganglion sphen-
opalatinum

57 Rami orbitales

58 N. canalis pterygoidei [Vidii]

59 N. petrosus superficialis
major

60 N. petrosus profundus

61 Rami nasales posteriores
superiores laterales

62 Rami nasales posteriores
superiores mediales

63 N. nasopalatinus [Scarpae]

SYSTEMA NERVOSUM PRIMUM

1	SYST. NERVOSUM PRIMUM	33	R. trigeminalis
2	NERVI CEREBRALES	34	R. trigeminalis superior
3	NERV. OLFACTORII	35	R. trigeminalis inferior
4	N. OPTICUS	36	R. trigeminalis
5	N. OCULOMOTORIUS	37	R. trigeminalis brevis
6	Ramus superior	38	R. maxillaris
7	Ramus inferior	39	R. mandibularis (medialis)
8	Radix brevis ganglii ciliaris	40	N. trigeminalis
9	N. TROCHLEARIS	41	Ramus zygomaticotemporalis
10	Decussatio nervorum trochlearium	42	Ramus zygomaticofacialis
11	N. TRIGEMINUS	43	R. sphenopalatinus
12	Portio major	44	R. alveolar superior
13	Ganglion semilunare [Gasser]	45	R. alveolar superior posterior
14	Portio minor	46	N. infraorbitalis
15	N. opthalmicus	47	R. alveolar superior medialis
16	N. frontalis	48	R. alveolar superior anterior
17	N. lacrimalis	49	R. alveolar superior anterior
18	Ramus anastomoticus cum n. zygomatico	50	R. alveolar superior superior
19	N. frontalis	51	R. alveolar superior superior
20	N. supraorbitalis	52	R. alveolar superior inferior
21	Ramus frontalis	53	R. alveolar superior inferior
22	N. supratrochlearis	54	R. alveolar superior inferior
23	N. nasociliaris	55	R. alveolar superior inferior
24	Radix longa ganglii ciliaris	56	R. alveolar superior inferior
25	R. alveolar longus	57	R. alveolar superior inferior
26	N. ethmoidalis posterior	58	N. canalis pterygoidei [Vidali]
27	N. ethmoidalis anterior	59	N. petrosus superficialis
28	Ramus nasales anteriores	60	N. petrosus profundus
29	Ramus nasales intermedius	61	Ramus nasales posteriores
30	Ramus nasales laterales	62	Ramus nasales posteriores
31	Ramus nasales medialis	63	Ramus nasales posteriores
32	Ramus nasales externus	64	Ramus nasales posteriores

- 1 Rami nasales posteriores inferiores
[laterales]
- 2 Nn. palatini
 - 3 N. palatinus anterior
 - 4 N. palatinus medius
 - 5 N. palatinus posterior
- 6 N. mandibularis
- 7 N. spinosus
- 8 N. masticatorius
 - 9 N. massetericus
 - 10 Nn. temporales profundi
 - 11 N. temporalis profundus posterior
 - 12 N. temporalis profundus anterior
 - 13 N. buccinatorius
 - 14 N. pterygoideus externus
 - 15 N. pterygoideus internus
- 16 N. auriculotemporalis
 - 17 N. mentus auditorii externi
 - 18 R. membranae tympani
 - 19 Rami parotidei
 - 20 Rami anastomotici cum n. faciali
 - 21 Nn. auriculares anteriores
 - 22 Rami temporales superficiales
- 23 N. lingualis
 - 24 Rami isthmi faucium
 - 25 Rami anastomotici cum n. hypoglosso
 - 26 N. sublingualis
 - 27 Rami linguales
- 28 N. alveolaris inferior
 - 29 Plexus dentalis inferior
 - 30 Rami dentales inferiores
 - 31 Rami gingivales inferiores
 - 32 N. mylohyoideus
 - 33 N. mentalis
 - 34 Rami mentales
 - 35 Rami labiales inferiores
 - 36 Ganglion oticum
 - 37 N. petrosus superficialis minor
- 38 N. tensoris veli palatini
- 39 N. tensoris tympani
- 40 Ramus anastomoticus cum n. spinoso
- 41 R. anastomoticus cum n. auriculotemporalis
- 42 Ramus anastomoticus cum chorda tympani
- 43 Ganglion submaxillare
- 44 Rami communicantes cum n. linguales
- 45 Rami submaxillares
- 46 N. ABDUCENS
- 47 N. FACIALIS
- 48 Geniculum n. facialis
- 49 Ganglion geniculi
- 50 N. stapeditis
- 51 Ramus anastomoticus cum plexu tympanico.
- 52 N. auricularis posterior
- 53 Ramus occipitalis
- 54 Ramus digastricus
- 55 Ramus stylohyoideus
- 56 Ramus anastomoticus cum n. glossopharyngeo
- 57 Plexus parotideus
- 58 Rami temporales
- 59 Rami zygomatici
- 60 Rami buccales
- 61 Ramus marginalis mandibulae
- 62 Ramus colli
- 63 N. intertrachealis
- 64 Chorda tympani
- 65 N. ACUSTICUS
- 66 Radix vestibularis
- 67 Radix cochlearis
- 68 Fila anastomotica
- 69 N. vestibuli
- 70 Ganglion vestibulare

38	M. tensoris veli palatini	1	Rami massae posterae inferiores
39	M. tensoris tympani	2	[laterales]
40	M. tensoris veli palatini		R. palatini
	glossus	3	M. palatinus anterior
41	M. tensoris veli palatini	4	M. palatinus medius
	glossus	5	M. palatinus posterior
42	Ramus antehumeralis cum		
	chorde tympani		M. mandibularis
43	Ganglion		
	submaxillare		
44	Rami communicantes cum n.	7	M. thyroideus
	lingualis	8	M. massetericus
45	Rami submaxillares		M. massetericus
		10	M. temporales profundi
46	M. adductor	11	M. temporales profundi
			posterior
47	M. pterygicus	12	M. temporales profundi
			anterior
48	Gonion n. lachrym.	13	M. buccinatorius
49	Gonion goniale	14	M. pterygoides externus
50	M. pterygicus	15	M. pterygoides internus
51	Ramus antehumeralis cum plexu	16	M. auriculotemporalis
	tympani	17	M. massae superficialis externus
52	M. auricularis posterior	18	M. membranae tympani
53	Ramus oculo-facialis	19	Rami parotidales
54	Ramus digastricus	20	Rami antehumeralis cum n.
55	Ramus stylohyoideus		facialis
56	Ramus antehumeralis cum n.	21	M. auricularis anterior
	glossus	22	Rami temporales superficiales
57	Plexus parotidalis	23	M. sternalis
58	Rami temporales	24	Rami facialis function
59	Rami thyroidei	25	Rami antehumeralis cum n.
60	Rami pectorales		hyoideus
61	Ramus mandibularis mandibularis	26	M. sublingualis
62	Ramus alii	27	Rami linguales
63	M. intercostalis inferior	28	M. ciliocostalis inferior
		29	Plexus dentales inferiores
		30	Rami dentales inferiores
		31	Rami gingivales inferiores
64	Chorda tympani		fora
65	M. adductor	32	M. stylohyoideus
66	Ramus ventralis	33	M. mentalis
67	Ramus oculo-facialis	34	Rami mentales
68	Ramus antehumeralis	35	Rami faciales inferiores
69	M. pterygicus		fora
70	Gonion ventralis	36	Ganglion
			oculom.
		37	M. pectoralis superficialis
			minor

- 1 N. utricularis
- 2 N. ampullaris superior
- 3 N. ampullaris lateralis
- 4 N. ampullaris inferior
- 5 N. cochleae
- 6 Ganglion spirale
- 7 N. sacularis
- 8 N. GLOSSOPHARYNGEUS
- 9 Ganglion superius
- 10 Ganglion petrosum
- 11 N. tympanicus
- 12 Intumescencia tympanica
- 13 Plexus tympanicus [Jacobsoni]
- 14 N. caroticotympanicus superior
- 15 N. caroticotympanicus inferior
- 16 Ramus tubae
- 17 R. anastomoticus cum ramo auriculari
n. vagi
- 18 Rami pharyngei
- 19 Ramus stylopharyngeus
- 20 Rami tonsillares
- 21 Rami linguales
- 22 N. VAGUS
- 23 Ganglion jugulare
- 24 Ganglion nodosum
- 25 Ramus meningeus
- 26 Ramus auricularis
- 27 R. anastomoticus cum n. glossopharyngeo
- 28 Rami pharyngei
- 29 Plexus pharyngeus
- 30 N. laryngeus superior
- 31 Ramus externus
- 32 Ramus internus
- 33 Ramus anastomoticus cum n.
laryngeo inferiore
- 34 Rami cardiaci superiores
- 35 (N. depressor)
- 36 N. recurrens
- 37 Rami cardiaci inferiores
- 38 Rami tracheales
- 39 Rami oesophagei
- 40 N. laryngeus inferior
- 41 Ramus anterior
- 42 Ramus posterior
- 43 Rami bronchiales anteriores
- 44 Rami bronchiales posteriores
- 45 Plexus pulmonalis anterior
- 46 Plexus pulmonalis posterior
- 47 Rami oesophagei
- 48 Plexus oesophageus anterior
- 49 Plexus oesophageus posterior
- 50 Rami gastrici
- 51 Plexus gastricus anterior
- 52 Plexus gastricus posterior
- 53 Rami hepatici
- 54 Rami coeliaci
- 55 Rami lienales
- 56 Rami renales
- 57 N. ACCESSORIUS
- 58 Ramus internus
- 59 Ramus externus
- 60 N. HYPOGLOSSUS
- 61 Ramus descendens
- 62 Ansa hypoglossi
- 63 Ramus thyreochoideus
- 64 Rami linguales
- 65 N. SPINALES
- 66 Fila radicularia
- 67 Radix anterior
- 68 Radix posterior
- 69 Ganglion spinale
- 70 Ramus anterior
- 71 Ramus posterior
- 72 Ramus communicans
- 73 Ramus meningeus
- 74 Cauda equina
- 75 Ansa

37	Rami cardiaci inferiores	1	N. utricularis
38	Rami tracheales	2	N. ampullaris superior
39	Rami oesophagei	3	N. ampullaris lateralis
40	N. laryngeus inferior	4	N. ampullaris inferior
41	Ramus anterior	5	N. coeliacus
42	Ramus posterior	6	Ganglion spirale
43	Rami bronchiales anteriores	7	N. sacularis
44	Rami bronchiales posteriores	8	N. GLOSSOPHARYNGEUS
45	Plexus pulmonalis anterior	9	Ganglion aorticum
46	Plexus pulmonalis posterior	10	Ganglion petrosum
47	Rami oesophagei	11	N. tympanicus
48	Plexus oesophageus anterior	12	Intumescentia tympanica
49	Plexus oesophageus posterior	13	Plexus tympanicus [Jacobsoni]
50	Rami gastrici	14	N. carotico-tympanicus superior
51	Plexus gastricus anterior	15	N. carotico-tympanicus inferior
52	Plexus gastricus posterior	16	Ramus thirax
53	Rami hepatici	17	R. anastomoticus cum ramo auriculari
54	Rami coeliaci		n. vagi
55	Rami lienales	18	Rami pharyngei
56	Rami renales	19	Ramus stylopharyngeus
57	N. ACCESORIVS	20	Rami tonsillares
		21	Rami linguales
58	Ramus internus	22	N. VAGUS
59	Ramus externus	23	Ganglion jugulare
60	N. HYPOGLOSSUS	24	Ganglion nodosum
61	Ramus descendens	25	Ramus meningicus
62	Ramus hypoglossi	26	Ramus auricularis
63	Ramus thyroideus	27	R. anastomoticus cum n. glosso-pharyngeo
64	Rami linguales	28	Rami pharyngei
65	N. S. F. I. N. A. L. E. S.	29	Plexus pharyngeus
66	R. radicularis	30	N. laryngeus superior
67	R. anterior	31	Ramus externus
68	R. posterior	32	Ramus internus
69	Ganglion spinale	33	Ramus anastomoticus cum n. laryngeus inferior
70	Ramus anterior	34	Rami cardiaci superiores
71	Ramus posterior	35	(N. depressor)
72	Ramus communicans	36	N. recurrens
73	Ramus meningicus		
74	Canalis epiduralis		
75	Arachnoidea		

- 1 Nn. cervicales
- 2 Rami posteriores
 - 3 Ramus medialis
 - 4 Ramus lateralis
- 5 N. suboccipitalis
- 6 N. occipitalis major
- 7 (N. occipitalis tertius)
- 8 Rami anteriores
- 9 Plexus cervicalis
- 10 N. occipitalis minor
- 11 N. auricularis magnus
 - 12 Ramus posterior
 - 13 Ramus anterior
- 14 N. cutaneus colli
 - 15 Rami superiores
 - 16 Rami inferiores
- 17 Nn. supraclaviculares
 - 18 Nn. supraclaviculares anteriores
 - 19 Nn. supraclaviculares medii
 - 20 Nn. supraclaviculares posteriores
- 21 N. phrenicus
 - 22 Ramus pericardiacus
 - 23 Rami phrenicoabdominales
- 24 PLEXUS BRACHIALIS
- 25 Pars supraclavicularis
- 26 Nn. thoracales posteriores
 - 27 N. dorsalis scapulae
 - 28 N. thoracalis longus
- 29 Nn. thoracales anteriores
- 30 N. subclavius
- 31 N. suprascapularis
- 32 Nn. subscapulares
- 33 N. thoracodorsalis
- 34 N. axillaris
 - 35 Rami musculares
 - 36 N. cutaneus brachii lateralis
- 37 Pars infraclavicularis
 - 38 Fasciculus lateralis
 - 39 Fasciculus medialis
 - 40 Fasciculus posterior
- 41 N. musculocutaneus
 - 42 Rami musculares lateralis
 - 43 N. cutaneus antibrachii
- 44 N. cutaneus brachii medialis
- 45 N. cutaneus antibrachii medialis
 - 46 Ramus volaris
 - 47 Ramus ulnaris
- 48 N. medianus
- 49 Rami musculares
- 50 N. interosseus [antibrachii] volaris
- 51 Ramus palmaris n. mediani
- 52 Ramus anastomoticus cum n. ulnari
- 53 Nn. digitales volares communes
- 54 Nn. digitales volares proprii
- 55 N. ulnaris
- 56 Ramus cutaneus palmaris
- 57 Ramus dorsalis manus
 - 58 Nn. digitales dorsales
- 59 Ramus volaris manus
 - 60 Ramus superficialis
 - 61 Nn. digitales volares communes
 - 62 Nn. digitales volares proprii
- 63 Ramus profundus
 - 64 Rami musculares
- 65 N. radialis
- 66 N. cutaneus brachii posterior
- 67 Rami musculares
- 68 N. cutaneus antibrachii dorsalis
- 69 Ramus profundus
 - 70 N. interosseus antibrachii dorsalis
- 71 Ramus superficialis
 - 72 Ramus anastomoticus ulnaris
 - 73 Nn. digitales dorsales
- 74 Nn. thoracales
- 75 Rami posteriores
 - 76 Ramus cutaneus lateralis
 - 77 Ramus cutaneus medialis

41	<i>H. muscivorus</i>
42	<i>H. muscivorus</i>
43	<i>H. muscivorus</i>
44	<i>H. muscivorus</i>
45	<i>H. muscivorus</i>
46	<i>H. muscivorus</i>
47	<i>H. muscivorus</i>
48	<i>H. muscivorus</i>
49	<i>H. muscivorus</i>
50	<i>H. muscivorus</i>
51	<i>H. muscivorus</i>
52	<i>H. muscivorus</i>
53	<i>H. muscivorus</i>
54	<i>H. muscivorus</i>
55	<i>H. muscivorus</i>
56	<i>H. muscivorus</i>
57	<i>H. muscivorus</i>
58	<i>H. muscivorus</i>
59	<i>H. muscivorus</i>
60	<i>H. muscivorus</i>
61	<i>H. muscivorus</i>
62	<i>H. muscivorus</i>
63	<i>H. muscivorus</i>
64	<i>H. muscivorus</i>
65	<i>H. muscivorus</i>
66	<i>H. muscivorus</i>
67	<i>H. muscivorus</i>
68	<i>H. muscivorus</i>
69	<i>H. muscivorus</i>
70	<i>H. muscivorus</i>
71	<i>H. muscivorus</i>
72	<i>H. muscivorus</i>
73	<i>H. muscivorus</i>
74	<i>H. muscivorus</i>
75	<i>H. muscivorus</i>
76	<i>H. muscivorus</i>
77	<i>H. muscivorus</i>

1	<i>H. muscivorus</i>
2	<i>H. muscivorus</i>
3	<i>H. muscivorus</i>
4	<i>H. muscivorus</i>
5	<i>H. muscivorus</i>
6	<i>H. muscivorus</i>
7	<i>H. muscivorus</i>
8	<i>H. muscivorus</i>
9	<i>H. muscivorus</i>
10	<i>H. muscivorus</i>
11	<i>H. muscivorus</i>
12	<i>H. muscivorus</i>
13	<i>H. muscivorus</i>
14	<i>H. muscivorus</i>
15	<i>H. muscivorus</i>
16	<i>H. muscivorus</i>
17	<i>H. muscivorus</i>
18	<i>H. muscivorus</i>
19	<i>H. muscivorus</i>
20	<i>H. muscivorus</i>
21	<i>H. muscivorus</i>
22	<i>H. muscivorus</i>
23	<i>H. muscivorus</i>
24	<i>H. muscivorus</i>
25	<i>H. muscivorus</i>
26	<i>H. muscivorus</i>
27	<i>H. muscivorus</i>
28	<i>H. muscivorus</i>
29	<i>H. muscivorus</i>
30	<i>H. muscivorus</i>
31	<i>H. muscivorus</i>
32	<i>H. muscivorus</i>
33	<i>H. muscivorus</i>
34	<i>H. muscivorus</i>
35	<i>H. muscivorus</i>
36	<i>H. muscivorus</i>
37	<i>H. muscivorus</i>
38	<i>H. muscivorus</i>
39	<i>H. muscivorus</i>
40	<i>H. muscivorus</i>
41	<i>H. muscivorus</i>
42	<i>H. muscivorus</i>
43	<i>H. muscivorus</i>
44	<i>H. muscivorus</i>
45	<i>H. muscivorus</i>
46	<i>H. muscivorus</i>
47	<i>H. muscivorus</i>
48	<i>H. muscivorus</i>
49	<i>H. muscivorus</i>
50	<i>H. muscivorus</i>
51	<i>H. muscivorus</i>
52	<i>H. muscivorus</i>
53	<i>H. muscivorus</i>
54	<i>H. muscivorus</i>
55	<i>H. muscivorus</i>
56	<i>H. muscivorus</i>
57	<i>H. muscivorus</i>
58	<i>H. muscivorus</i>
59	<i>H. muscivorus</i>
60	<i>H. muscivorus</i>
61	<i>H. muscivorus</i>
62	<i>H. muscivorus</i>
63	<i>H. muscivorus</i>
64	<i>H. muscivorus</i>
65	<i>H. muscivorus</i>
66	<i>H. muscivorus</i>
67	<i>H. muscivorus</i>
68	<i>H. muscivorus</i>
69	<i>H. muscivorus</i>
70	<i>H. muscivorus</i>
71	<i>H. muscivorus</i>
72	<i>H. muscivorus</i>
73	<i>H. muscivorus</i>
74	<i>H. muscivorus</i>
75	<i>H. muscivorus</i>
76	<i>H. muscivorus</i>
77	<i>H. muscivorus</i>
78	<i>H. muscivorus</i>
79	<i>H. muscivorus</i>
80	<i>H. muscivorus</i>
81	<i>H. muscivorus</i>
82	<i>H. muscivorus</i>
83	<i>H. muscivorus</i>
84	<i>H. muscivorus</i>
85	<i>H. muscivorus</i>
86	<i>H. muscivorus</i>
87	<i>H. muscivorus</i>
88	<i>H. muscivorus</i>
89	<i>H. muscivorus</i>
90	<i>H. muscivorus</i>
91	<i>H. muscivorus</i>
92	<i>H. muscivorus</i>
93	<i>H. muscivorus</i>
94	<i>H. muscivorus</i>
95	<i>H. muscivorus</i>
96	<i>H. muscivorus</i>
97	<i>H. muscivorus</i>
98	<i>H. muscivorus</i>
99	<i>H. muscivorus</i>
100	<i>H. muscivorus</i>

- 1 Rami anteriores [Nn. intercostales]
- 2 Rami musculares
- 3 Ramus cutaneus lateralis
[pectoralis et abdominalis]
- 4 Ramus posterior
- 5 Ramus anterior
- 6 Rami mammarii laterales
- 7 Nn. intercostobrachiales
- 8 Ramus cutaneus anterior [pectoralis et abdominalis]
- 9 Rami mammarii mediales
- 10 Nn. lumbales, sacrales, coccygeus
- 11 Nn. lumbales
- 12 Rami posteriores
- 13 Ramus medialis
- 14 Ramus lateralis
- 15 Nn. clunium superiores
- 16 Rami anteriores
- 17 Nn. sacrales et coccygeus:
- 18 Rami posteriores
- 19 Ramus medialis
- 20 Ramus lateralis
- 21 Nn. clunium medii
- 22 PLEXUS LUMBOSACRALIS
- 23 PLEXUS LUMBALIS
- 24 Rami musculares
- 25 N. iliohypogastricus
- 26 Rami musculares
- 27 Ramus cutaneus lateralis
- 28 Ramus cutaneus anterior
- 29 N. ilioinguinalis
- 30 Rami musculares
- 31 Nn. scrotales anteriores
- 32 Nn. labiales anteriores
- 33 N. genitofemoralis
- 34 N. lumboinguinalis
- 35 N. spermaticus externus
- 36 N. cutaneus femoris lateralis
- 37 N. obturatorius
- 38 Ramus anterior
- 39 Ramus cutaneus
- 40 Ramus posterior
- 41 N. femoralis
- 42 Rami cutanei anteriores
- 43 Rami musculares
- 44 N. saphenus
- 45 Ramus infrapatellaris
- 46 Rami cutanei cruris
mediales
- 47 PLEXUS SACRALIS
- 48 Truncus lumbosacralis
- 49 N. glutaeus superior
- 50 N. glutaeus inferior
- 51 N. cutaneus femoris posterior
- 52 Nn. clunium inferiores
- 53 Rami perineales
- 54 N. ischiadicus
- 55 Rami musculares
- 56 N. peronaeus communis
- 57 Rami musculares
- 58 N. cutaneus surae lateralis
- 59 Ramus anastomoticus peronaeus
- 60 N. peronaeus superficialis
- 61 Rami musculares
- 62 N. cutaneus dorsalis medialis
- 63 N. cutaneus dorsalis intermedius
- 64 Nn. digitales dorsales pedis
- 65 N. peronaeus profundus
- 66 Rami musculares
- 67 Nn. digitales dorsales hallucis lateralis et digiti secundi medialis
- 68 N. tibialis
- 69 Rami musculares

1	Rami anteriores [Nr. Intercoastales]	36	<u>N. cutaneus femoralis lateralis</u>
2	Rami musculares	37	<u>N. obturatorius</u>
3	Ramus cutaneus lateralis	38	Rami anteriores
	[posterior et abdominalis]	39	Ramus cutaneus
4	Ramus posterior	40	Ramus posterior
5	Ramus anterior		
6	Rami nervi laterales		
	etiales		
7	Nr. intercostobrachiales	42	Rami cutanei anteriores
8	Ramus cutaneus anterior [post-oralis et abdominalis]	43	Rami musculares
9	Rami nervi mediales	44	N. saphenus
		45	Ramus infrapatellaris
		46	Rami cutanei crurales mediales
10	<u>Nr. lumbales, sacrales, coccygei</u>		
11	<u>Nr. lumbales</u>	47	<u>PLEXUS SACRALIS</u>
12	Rami posteriores	48	Ramus lumbosacralis
13	Ramus medialis	49	N. gluteus superior
14	Ramus lateralis	50	N. gluteus inferior
15	Nr. crurales superiores	51	N. cutaneus femoralis posterior
16	Rami anteriores	52	Nr. crurales inferiores
17	Nr. sacrales et coccygei	53	Rami perineales
18	Rami posteriores		
19	Ramus medialis	54	<u>N. ischiadicus</u>
20	Ramus lateralis	55	Rami musculares
21	Nr. crurales medii	56	N. peroneus communis
		57	Rami musculares
22	<u>PLEXUS LUMBOSACRALIS</u>	58	N. cutaneus cruris lateralis
		59	Ramus anastomoticus peroneus
			etialis
23	Rami musculares	60	N. peroneus superficialis
		61	Rami musculares
24	<u>N. iliohypogastricus</u>	62	N. cutaneus dorsalis medialis
	etialis	63	N. cutaneus dorsalis lateralis
25	Rami musculares		intermedii
26	Ramus cutaneus lateralis	64	Nr. digitales dorsales
27	Ramus cutaneus anterior		pedis
28		65	N. peroneus profundus
29	Rami musculares	66	Rami musculares
30	Nr. ischiadicus anteriores	67	Nr. digitales dorsales
31	Nr. ischiadicus anteriores		hallucis lateralis et
32			digitus secundus medialis
		68	N. tibialis
33	<u>N. genitofemoralis</u>	69	Rami musculares
34	N. lumbocutaneus		
35	N. spermaticus externus		

- | | | | |
|----|---------------------------------------|----|---------------------------------------|
| 1 | N. interosseus cruris | 13 | Nn. digitales
plantares
proprii |
| 2 | N. cutaneus surae medialis | 14 | Ramus profundus |
| 3 | N. suralis | 15 | PLEXUS PUDENDUS |
| 4 | Rami calcanei laterales | 16 | N. haemorrhoidales medii |
| 5 | N. cutaneus dorsalis
laterales | 17 | Nn. vesicales inferiores |
| 6 | Rami calcanei mediales | 18 | Nn. vaginales |
| 7 | N. plantaris medialis | 19 | N. pudendus |
| 8 | Nn. digitales plantares
communes | 20 | Nn. haemorrhoidales
inferiores |
| 9 | Nn. digitales plantares
proprii | 21 | N. perinei |
| 10 | N. plantaris lateralis | 22 | Nn. scrotales posteriores |
| 11 | Ramus superficialis | 23 | Nn. labiales posteriores |
| 12 | Nn. digitales plant-
ares communes | 24 | N. dorsalis penis |
| | | 25 | N. dorsalis clitoridis |
| | | 26 | N. COCCYGEUS |
| | | 27 | Plexus coccygeus |
| | | 28 | Nn. anococcygei |

29 SYSTEMA NERVORUM SYMPATHICUM

- | | | | |
|----|---|----|---|
| 30 | Truncus sympathicus | 47 | Plexus thyreoideus superior |
| 31 | Ganglia trunci sympathici | 48 | Plexus lingualis |
| 32 | Plexus sympathici | 49 | Plexus maxillaris externus |
| 33 | Ganglia plexuum sympathicorum | 50 | Radix sympathica ganglii
submaxillaris |
| 34 | PARS CEPHALICA ET CERVICALIS S.
SYMPATHICI | 51 | Plexus occipitalis |
| 35 | Ganglion cervicale superius | 52 | Plexus auricularis posterior |
| 36 | N. jugularis | 53 | Plexus temporalis superficialis |
| 37 | N. caroticus internus | 54 | Plexus maxillaris internus |
| 38 | Plexus caroticus internus | 55 | Plexus meningeus |
| 39 | Plexus cavernosus | 56 | Plexus caroticus communis |
| 40 | Plexus arteriae cerebri anterioris | 57 | Rami laryngopharyngei |
| 41 | Plexus arteriae cerebri mediae | 58 | Plexus pharyngeus ascendens |
| 42 | Plexus arteriae chorioideae | 59 | N. cardiacus superior |
| 43 | Plexus ophthalmicus | 60 | Ganglion cervicale medium |
| 44 | Radices sympathicae ganglii ciliaris | 61 | N. cardiacus medius |
| 45 | Nn. carotici externi | 62 | Ganglion cervicale inferius |
| 46 | Plexus caroticus externus | 63 | Ansa subclavia [Vieussenii] |
| | | 64 | N. cardiacus inferior |
| | | 65 | Plexus subclavius |
| | | 66 | Plexus mammarius interus |
| | | 67 | Plexus thyreoideus inferior |
| | | 68 | Plexus vertebralis |

1 PARS THORACALIS S.

SYMPATHICI

- 2 Ganglia thoracalia
- 3 N. splanchnicus major
- 4 Ganglion splanchnicum
- 5 N. splanchnicus minor
- 6 Ramus renalis
- 7 (N. splanchnicus imus)
- 8 Plexus aorticus thoracalis
- 9 Plexus cardiacus
- 10 Plexus coronarius cordis anterior
- 11 Ganglion cardiacum [Wrisbergi]
- 12 Plexus coronarius posterior
- 13 Rami pulmonales
- 14 Plexus pulmonalis

15 PARS ABDOMINALIS ET PELVINA S.

SYMPATHICI

- 16 Ganglia lumbalia
- 17 Ganglia sacralia
- 18 Plexus aorticus abdominalis
- 19 Plexus coeliacus
- 20 Ganglia coeliaca
- 21 Ganglion mesentericum superius
- 22 Plexus phrenicus
- 23 Ganglia phrenica
- 24 Plexus phrenicus
- 25 Plexus lienalis
- 26 Plexus gastricus superior

- 27 Plexus gastricus inferior
- 28 Plexus suprarenalis
- 29 Plexus renalis
- 30 Plexus spermaticus
- 31 Plexus arteriae ovaricae
- 32 Plexus mesentericus superior
- 33 Plexus myentericus
- 34 Plexus submucosus
- 35 Plexus mesentericus inferior
- 36 Nn. haemorrhoidales superiores
- 37 Plexus iliacus
- 38 Plexus iliacus
- 39 Plexus hypogastricus
- 40 Plexus haemorrhoidalis medius
- 41 Plexus prostaticus
- 42 Plexus deferentialis
- 43 Plexus uterovaginalis
- 44 Plexus vesicalis
- 45 Nn. vesicales superiores
- 46 Nn. vesicales inferiores
- 47 Plexus cavernosus penis
- 48 N. cavernosus penis major
- 49 Nn. cavernosi penis minores
- 50 Plexus cavernosus clitoridis
- 51 N. cavernosus clitoridis major
- 52 Nn. cavernosi clitoridis minores
- 53 Plexus femoralis
- 54 Plexus popliteus

27	Plexus gastricus inferior
28	Plexus superior
29	Plexus renalis
30	Plexus coeliacus
31	Plexus arterialis ovaricus
32	Plexus mesentericus superior
33	Plexus mesentericus inferior
34	Plexus mesentericus inferior
35	Plexus mesentericus inferior
36	Plexus mesentericus inferior
37	Plexus iliacus
38	Plexus iliacus
39	Plexus hypogastricus
40	Plexus haemorrhoidalis medius
41	Plexus haemorrhoidalis
42	Plexus haemorrhoidalis
43	Plexus haemorrhoidalis
44	Plexus vesicalis
45	Plexus vesicalis superior
46	Plexus vesicalis inferior
47	Plexus cavernosus penis
48	Plexus cavernosus penis major
49	Plexus cavernosus penis minor
50	Plexus cavernosus clitoridis
51	Plexus cavernosus clitoridis
52	Plexus cavernosus clitoridis
53	Plexus cavernosus clitoridis
54	Plexus cavernosus clitoridis
55	Plexus cavernosus clitoridis
56	Plexus cavernosus clitoridis
57	Plexus cavernosus clitoridis
58	Plexus cavernosus clitoridis
59	Plexus cavernosus clitoridis
60	Plexus cavernosus clitoridis
61	Plexus cavernosus clitoridis
62	Plexus cavernosus clitoridis
63	Plexus cavernosus clitoridis
64	Plexus cavernosus clitoridis
65	Plexus cavernosus clitoridis
66	Plexus cavernosus clitoridis
67	Plexus cavernosus clitoridis
68	Plexus cavernosus clitoridis
69	Plexus cavernosus clitoridis
70	Plexus cavernosus clitoridis
71	Plexus cavernosus clitoridis
72	Plexus cavernosus clitoridis
73	Plexus cavernosus clitoridis
74	Plexus cavernosus clitoridis
75	Plexus cavernosus clitoridis

1	PARS THORACICA 2.
2	SYMPATHETICI
3	Ganglia thoracica
4	N. splanchnicus major
5	Ganglion splanchnicum
6	N. splanchnicus minor
7	Ramus thoracicus
8	(N. splanchnicus minor)
9	Plexus splanchnicus thoracicus
10	Plexus splanchnicus thoracicus
11	Plexus splanchnicus thoracicus
12	Plexus splanchnicus thoracicus
13	Plexus splanchnicus thoracicus
14	Plexus splanchnicus thoracicus
15	PARS ABDOMINALIS ET PELVICA 2.
16	SYMPATHETICI
17	Ganglia abdominalia
18	Ganglia sacralia
19	Plexus splanchnicus abdominalis
20	Plexus coeliacus
21	Ganglion mesentericum superior
22	Plexus phrenicus
23	Ganglia phrenica
24	Plexus phrenicus
25	Plexus iliacus
26	Plexus gastricus superior

1 ORGANA SENSUUM ET INTEGUMENTUM COMUNE

2 ORGANON VISUS

3 OCULUS

4 OPTICUS

- 5 Vaginae n. optici
6 Spatia intervaginalia

7 BULBUS OCULI

- 8 Polus anterior
9 Polus posterior
10 Aequator
11 Meridiani
12 Axis oculi externa
13 Axis oculi interna
14 Axis optica
15 [Linea visus]
16 Vesicula ophthalmica^x
17 Caliculus ophthalmicus^x

TUNICA FIBROSA OCULI

19 Sclera

- 20 Sulcus sclerae
21 Rima cornealis
22 Sinus venosus sclerae [Canalis
Schlemmi, Lauthi]
23 Lamina fusca
24 Lamina cribrosa sclerae
25 (Raphe sclerae)
26 (Funiculus sclerae)
27 Cornea.
28 Annulus conjunctivae
29 Vertex corneae

- 30 Limbus corneae
31 Facies anterior
32 Facies posterior
33 Epithelium corneae
34 Lamina elastica anterior
[Bowmani]
35 Substantia propria
36 Lamina elastica posterior
[Demoursi, Descemeti]
37 Endothelium camerae anterioris

38 TUNICA VASCULOSA OCULI

39 Chorioidea

- 40 Lamina suprachorioidea
41 Spatium perichorioideale
42 Lamina vasculosa
43 Lamina choriocapillaris
44 Lamina basalis
45 (Raphe chorioideae)

46 Corpus ciliare

- 47 Corona ciliaris
48 Processus ciliares
49 Plicae ciliares
50 Orbiculus ciliaris
51 M. ciliaris

52 Fibræ meridionales
[Bruecke]i53 Fibræ circulares
[Mueller]i

54 Plexus gangliosus ciliaris

55 Iris

- 56 Margo pupillaris
57 Margo ciliaris
58 Facies anterior

I. ORGANA SENSUM ET INTEGUMENTUM COMMUNE

2. ORGANON VISUS

3. OCULUS

4. OPTICUS

7. BULBUS OCULI

TUNICA FIBROSA OCULI

19. Sclera

20. Sclera sclerica

21. Rima cornialis

22. Rima venosus sclerica [Canalis]

23. Schlemm's [Lamina]

24. Lamina fusca

25. Lamina cribrosa sclerica

26. (Rapha sclerica)

27. (Tunica sclerica)

28. Annulus continuus

29. Vertex corneae

30. Vertex corneae

31. Vertex corneae

32. Vertex corneae

33. Vertex corneae

34. Vertex corneae

35. Vertex corneae

36. Vertex corneae

37. Vertex corneae

38. Vertex corneae

39. Vertex corneae

40. Vertex corneae

41. Vertex corneae

42. Vertex corneae

43. Vertex corneae

44. Vertex corneae

45. Vertex corneae

46. Vertex corneae

47. Vertex corneae

48. Vertex corneae

49. Vertex corneae

50. Vertex corneae

30. Lamina corneae
31. Pecten anterior
32. Pecten posterior
33. Pecten corneae
34. Lamina elastic anterior
35. [Schlemm's]
36. [Schlemm's] propria
37. Lamina elastic posterior
38. [Schlemm's] Descemet's
39. Endothelium corneae anterior
40. TUNICA VASCULOSA OCULI
41. Choroides
42. Lamina suprachoroides
43. Spatia perichoroidales
44. Lamina vasculosa
45. Lamina choriocapillaris
46. Lamina basalis
47. (Rapha choriocapillaris)
48. Corpus ciliare
49. Cornea ciliaris
50. Processus ciliares
51. Plicae ciliares
52. Oryctolites ciliares
53. M. ciliaris
54. Plicae marginales
55. [Schlemm's]
56. Plicae ciliares
57. [Schlemm's]
58. Plicae ciliares ciliares
59. Iris
60. Margo pupillaris
61. Margo ciliaris
62. Pecten anterior

- 1 Facies posterior
- 2 Annulus iridis major
- 3 Annulus iridis minor
- 4 Plicae iridis
- 5 Pupilla
- 6 M. sphincter pupillae
- 7 Stroma iridis
- 8 M. dilatator pupillae
- 9 Lig. pectinatum iridis
- 10 Spatia anguli iridis [Fontanae]
- 11 Circulus arteriosus major
- 12 Circulus arteriosus minor
- 13 Membrana pupillaris^x
- 14 STRATUM PIGMENTI
- 15 Stratum pigmenti retinae
- 16 Stratum pigmenti corporis ciliaris
- 17 Stratum pigmenti iridis

18 RETINA

- 19 Pars optica retinae
- 20 Ora serrata
- 21 Pars ciliaris retinae
- 22 Papilla n. optici
- 23 Excavatio papillae n. optici
- 24 Macula lutea
- 25 Fovea centralis
- 26 V a s a s a n g u i n e a
r e t i n a e
- 27 Circulus vasculosus n. optici
[Halleri]
- 28 Arteriola [Venula] temporalis
retinae superior
- 29 Arteriola [Venula] temporalis
retinae inferior
- 30 Arteriola [Venula] nasalis ret-
inae superior
- 31 Arteriola [Venula] nasalis ret-
inae inferior
- 32 Arteriola [Venula] macularis su-
perior
- 33 Arteriola [Venula] macularis in-
ferior
- 34 Arteriola [Venula] retinae media-
lis

35 CAMERA OCULI ANTERIOR

- 36 Angulus iridis

37 CAMERA OCULI POSTERIOR

38 CORPUS VITREUM

- 39 A. hyaloidea^x
- 40 Canalis hyaloidea
- 41 Fossa hyaloidea
- 42 Membrana hyaloidea
- 43 Stroma vitreum
- 44 Humor vitreus^x

45 LENS CRYSTALLINA

- 46 Substantia lentis
- 47 Substantia corticalis
- 48 Nucleus lentis
- 49 Fibrae lentis
- 50 Epithelium lentis
- 51 Capsula lentis
- 52 Polus anterior lentis
- 53 Polus posterior lentis
- 54 Facies anterior lentis
- 55 Facies posterior lentis
- 56 Axis lentis
- 57 Aequator lentis
- 58 Radii lentis

59 ZONULA CILIARIS [ZINNI]

- 60 Fibrae zonulares
- 61 Spatia zonularia
- 62 ORGANA OCULI ACCESSORIA
- 63 Musculi oculi, Fasciae orbitales
- 64 M. orbitalis
- 65 M. rectus superior
- 66 M. rectus inferior
- 67 M. rectus medialis
- 68 M. rectus lateralis
- 69 Lacertus musculi recti lateralis
- 70 Annulus tendineus communis
[Zinni]
- 71 M. obliquus superior

35. ORBITAL OCULI ANTERIOR

36. *Amphispiza bilineata*

37. ORBITAL OCULI POSTERIOR

38. *Corvus vitreus*39. *A. hyaloptera*40. *Amphispiza bilineata*41. *Amphispiza bilineata*42. *Amphispiza bilineata*43. *Amphispiza bilineata*44. *Amphispiza bilineata*

45. ORBITAL OCULI CRISTALLINI

46. *Amphispiza bilineata*47. *Amphispiza bilineata*48. *Amphispiza bilineata*49. *Amphispiza bilineata*50. *Amphispiza bilineata*51. *Amphispiza bilineata*52. *Amphispiza bilineata*53. *Amphispiza bilineata*54. *Amphispiza bilineata*55. *Amphispiza bilineata*56. *Amphispiza bilineata*57. *Amphispiza bilineata*58. *Amphispiza bilineata*

59. ORBITAL OCULI BILINEATA

60. *Amphispiza bilineata*61. *Amphispiza bilineata*

62. ORBITAL OCULI ACCESSORI

63. *Amphispiza bilineata*64. *Amphispiza bilineata*65. *Amphispiza bilineata*66. *Amphispiza bilineata*67. *Amphispiza bilineata*68. *Amphispiza bilineata*69. *Amphispiza bilineata*70. *Amphispiza bilineata*

[Amphispiza]

71. *Amphispiza bilineata*72. *Amphispiza bilineata*73. *Amphispiza bilineata*74. *Amphispiza bilineata*75. *Amphispiza bilineata*76. *Amphispiza bilineata*77. *Amphispiza bilineata*78. *Amphispiza bilineata*79. *Amphispiza bilineata*80. *Amphispiza bilineata*81. *Amphispiza bilineata*82. *Amphispiza bilineata*83. *Amphispiza bilineata*84. *Amphispiza bilineata*

12. STRATUM FIBROSUM

85. *Stratum fibrosum*86. *Stratum fibrosum*87. *Stratum fibrosum*

13. RETINA

88. *Retina*89. *Retina*90. *Retina*91. *Retina*92. *Retina*93. *Retina*94. *Retina*95. *Retina*96. *Retina*97. *Retina*98. *Retina*99. *Retina*100. *Retina*101. *Retina*102. *Retina*103. *Retina*104. *Retina*105. *Retina*106. *Retina*107. *Retina*108. *Retina*109. *Retina*110. *Retina*111. *Retina*112. *Retina*

- | | |
|-------------------------------------|--------------------------------------|
| 1 Trochlea | 41 APPARATUS LACRIMALIS |
| 2 M. obliquus inferior | 42 Glandula lacrimalis superior |
| 3 M. levator palpebrae superioris | 43 Glandula lacrimalis inferior |
| 4 Periobita | 44 (Gl. lacrimales accessoriae) |
| 5 Septum orbitale | 45 Ductuli excretorii gl. lacrimalis |
| 6 Fasciae musculares | 46 Rivus lacrimalis |
| 7 Fascia bulbi (Tenoni) | 47 Lacus lacrimalis |
| 8 Spatium interfasciale (Tenoni) | 48 Puncta lacrimalia |
| 9 Corpus adiposum orbitae | 49 Ductus lacrimales |
| 10 <u>Supercilium</u> | 50 Papillae lacrimales |
| 11 <u>Palpebrae</u> | 51 Ampulla ductus lacrimalis |
| 12 Palpebra superior | 52 Saccus lacrimalis |
| 13 Palpebra superior | 53 Fornix sacci lacrimalis |
| 14 Facies anterior palpebrarum | 54 Ductus nasolacrimalis |
| 15 Facies posterior palpebrarum | 55 Plica lacrimalis (Hasneri) |
| 16 Rima palpebrarum | 56 Lacrimae |
| 17 Commissura palpebrarum lateralis | 57 <u>ORGANON AUDITUS</u> |
| 18 Commissura palpebrarum medialis | 58 <u>Auris interna</u> |
| 19 Angulus oculi lateralis | 59 LABYRINTHUS MEMBRANACEUS |
| 20 Angulus oculi medialis | 60 Ductus endolymphaticus |
| 21 Limbi palpebrales anteriores | 61 Saccus endolymphaticus |
| 22 Limbi palpebrales posteriores | 62 Ductus utriculosaccularis |
| 23 Tarsus superior | 63 Utriculus |
| 24 Tarsus inferior | 64 Ductus semicirculares |
| 25 Lig. palpebrale mediale | 65 Ductus semicircularis superior |
| Raphe palpebralis lateralis - 26 | 66 Ductus semicircularis lateralis |
| 27 Glandulae tarsales Meibomi | 68 Ampullae membranaceae |
| 28 Sebum palpebrale | 69 Sulcus ampullaris |
| 29 M. tarsalis superior | 70 Crista ampullaris interna |
| 30 M. tarsalis inferior | 71 Ampulla membranacea superior |
| 31 <u>CONJUNCTIVA</u> | 72 Ampulla membranacea posterior |
| 32 Plica semilunaris conjunctivae | 73 Ampulla membranacea lateralis |
| 33 Caruncula lacrimalis | 74 Sacculus |
| 34 Tunica conjunctiva bulbi | 75 Ductus reuniens (Hanseni) |
| 35 Tunica conjunctiva palpebrarum | 76 Maculae acustica utriculi |
| 36 Fornix conjunctivae superior | 78 Macula acustica sacculi |
| 37 Fornix conjunctivae palpebrarum | |
| 38 Gl. mucosae (Krausei) | |
| 39 Noduli lymphatici conjunctivales | |
| 40 (Pinguecula) | |

41 APPARATUS LACRIMALIS
42 Glandula lacrymalis superior
43 Glandula lacrymalis inferior
44 (Gl. lacrymalis accessoria)
45 Ductus excretorius Gl.
lacrymalis

46 Rima lacrymalis
47 Lacus lacrymalis
48 Punctus lacrymalis
49 Ductus lacrymalis
50 Papillae lacrymalis
51 Ampulla ductus lacrymalis
52 Sacculus lacrymalis
53 Fornix oculi lacrymalis
54 Ductus nasolacrymalis
55 Plica lacrymalis (Hansens)
56 Lacrime

27 ORGANON AUDITUS

57 Auris interna
58 LABYRINTHUS MEMBRANACEUS
59 Ductus endolymphaticus
60 Sacculus endolymphaticus
61 Ductus utriculoacusticus
62 Utriculus
63 Ductus semicircularis
64 Ductus semicircularis superior
65 Ductus semicircularis inferior
66 Ampullae membranaceae
67 Callos ampullaris
68 Crista ampullaris
69 Ampulla membranacea superior
70 Ampulla membranacea posterior
71 Ampulla membranacea lateralis

72 Sacculus
73 Ductus reuniens (Hansens)
74 Membrana rotunda utriculi
75 Membrana rotunda sacculi

Sense Organs and Connective Integuments

1 Trochlea
2 M. obliquus inferior
3 M. levator palpebrae superioris
4 Pericula
5 Sclerum orbitale
6 Fasciae musculares
7 Tarsus bulbi (Tonomi)
8 Sclerum intertarsale (Tonomi)
9 Corpus adiposum orbitae

10 Scleritium

11 Palpebrae

12 Palpebra superior
13 Palpebra inferior
14 Lacus anterior palpebrarum
15 Lacus posterior palpebrarum
16 Rima palpebrarum
17 Commissura palpebrarum lateralis
18 Commissura palpebrarum medialis
19 Angulus oculi lateralis
20 Angulus oculi medialis
21 Limbi palpebrales anteriores
22 Limbi palpebrales posteriores
23 Tarsus superior
24 Tarsus inferior
25 Lig. palpebrale mediale
26 Lig. palpebrale laterale + 25
27 Glandula tarsalis Molloni
28 Sclerum palpebrale
29 M. tarsalis superior
30 M. tarsalis inferior

31 CONJUNCTIVA

32 Plica semilunaris conjunctivae
33 Caruncula lacrymalis
34 Tunica conjunctiva bulbi
35 Tunica conjunctiva palpebrarum
36 Fornix conjunctivae superior
37 Fornix conjunctivae palpebrarum
38 Gl. mucosae (Hansens)
39 Metuli lymphatici conjunctivales
40 (Pungoculi)

- 1 Otoconia
- 2 Endolympha
- 3 Perilymphæ
- 4 Spatium perilymphaticum
- 5 Ductus perilymphatici
- 6 D u c t u s c o c h l e a r i s
- 7 Caecum cupulare
- 8 Caecum vestibulare
- 9 Lamina basilaris
- 10 Membrana vestibularis
[Reissneri]
- 11 Lig. spirale cochleae
- 12 Prominentia spiralis
- 13 Stria vascularis
- 14 Sulcus spiralis
- 15 Labium tympanicum
- 16 Foramina nervosa
- 17 Labium vestibulare
- 18 Ganglion spirale cochleae
- 19 Organon spirale [Cortii]
- 20 V a s a a u r i s
i n t e r n a e
- 21 A. auditiva interna
- 22 Rami vestibulares
- 23 Ramus cochleae
- 24 Glomeruli arteriosi
cochleae
- 25 Vv. auditivæ internæ
- 26 V. spiralis modioli
- 27 Vas prominens
- 28 Vv vestibulares
- 29 V. aquaeductus vestibuli
- 30 V. canaliculi cochleae
- 31 LABYRINTHUS OSSEUS
- 32 Vestibulum
- 33 Recessus sphaericus
- 34 Recessus ellipticus
- 35 Crista vestibuli
- 36 Pyramis vestibuli
- 37 Recessus cochlearis
- 38 Maculae cribrosae
- 39 Macula cribrosa sup-
erior
- 40 Macula cribrosa media
- 41 Macula cribrosa inferior
- 42 Canales semicirculares ossei
- 43 Canalis semicircularis superior
- 44 Canalis semicircularis posterior
- 45 Canalis semicircularis lateralis
- 46 Ampullae osseae
- 47 Ampulla ossea superior
- 48 Ampulla ossea posterior
- 49 Ampulla ossea lateralis
- 50 Crura ampullaria
- 51 Crus commune
- 52 Crus simplex
- 53 Cochlea
- 54 Cupula
- 55 Basis cochleae
- 56 Canalis spiralis cochleae
- 57 Modiolus
- 58 Basis modioli
- 59 Lamina modioli
- 60 Lamina spiralis ossea
- 61 Hamulus laminae spiralis
- 62 Scala vestibuli
- 63 Scala tympani
- 64 Helicotrema
- 65 Lamina spiralis secundaria
- 66 Canalis spiralis modioli
- 67 Canales longitudinales modioli
- 68 Meatus acusticus internus
- 69 Porus acusticus internus
- 70 Fundus meatus acustici interni
- 71 Crista transversa
- 72 Area n. facialis
- 73 Area cochleae
- 74 Tractus spiralis foraminosus
- 75 Area vestibularis superior
- 76 Area vestibularis inferior
- 77 Foramen singulare
- 78 CAVUM TYMPANI
- 79 P a r i e s t e g m e n t a l i s

42	Canalis semicircularis ossis	42	Canalis semicircularis superior
43	Macula cribrosa inferior	43	Canalis semicircularis posterior
44	Macula cribrosa media	44	Canalis semicircularis lateralis
45	Macula cribrosa superior	45	Ampulla ossea
46	Macula cribrosa superior	46	Ampulla ossea superior
47	Macula cribrosa superior	47	Ampulla ossea posterior
48	Macula cribrosa superior	48	Ampulla ossea lateralis
49	Macula cribrosa superior	49	Crypta ampullaris
50	Macula cribrosa superior	50	Crura commune
51	Macula cribrosa superior	51	Crura simplex
52	Macula cribrosa superior	52	Crura simplex
53	Macula cribrosa superior	53	Crura simplex
54	Macula cribrosa superior	54	Crura simplex
55	Macula cribrosa superior	55	Crura simplex
56	Macula cribrosa superior	56	Crura simplex
57	Macula cribrosa superior	57	Crura simplex
58	Macula cribrosa superior	58	Crura simplex
59	Macula cribrosa superior	59	Crura simplex
60	Macula cribrosa superior	60	Crura simplex
61	Macula cribrosa superior	61	Crura simplex
62	Macula cribrosa superior	62	Crura simplex
63	Macula cribrosa superior	63	Crura simplex
64	Macula cribrosa superior	64	Crura simplex
65	Macula cribrosa superior	65	Crura simplex
66	Macula cribrosa superior	66	Crura simplex
67	Macula cribrosa superior	67	Crura simplex
68	Macula cribrosa superior	68	Crura simplex
69	Macula cribrosa superior	69	Crura simplex
70	Macula cribrosa superior	70	Crura simplex
71	Macula cribrosa superior	71	Crura simplex
72	Macula cribrosa superior	72	Crura simplex
73	Macula cribrosa superior	73	Crura simplex
74	Macula cribrosa superior	74	Crura simplex
75	Macula cribrosa superior	75	Crura simplex
76	Macula cribrosa superior	76	Crura simplex
77	Macula cribrosa superior	77	Crura simplex
78	Macula cribrosa superior	78	Crura simplex
79	Macula cribrosa superior	79	Crura simplex
80	Macula cribrosa superior	80	Crura simplex
81	Macula cribrosa superior	81	Crura simplex
82	Macula cribrosa superior	82	Crura simplex
83	Macula cribrosa superior	83	Crura simplex
84	Macula cribrosa superior	84	Crura simplex
85	Macula cribrosa superior	85	Crura simplex
86	Macula cribrosa superior	86	Crura simplex
87	Macula cribrosa superior	87	Crura simplex
88	Macula cribrosa superior	88	Crura simplex
89	Macula cribrosa superior	89	Crura simplex
90	Macula cribrosa superior	90	Crura simplex
91	Macula cribrosa superior	91	Crura simplex
92	Macula cribrosa superior	92	Crura simplex
93	Macula cribrosa superior	93	Crura simplex
94	Macula cribrosa superior	94	Crura simplex
95	Macula cribrosa superior	95	Crura simplex
96	Macula cribrosa superior	96	Crura simplex
97	Macula cribrosa superior	97	Crura simplex
98	Macula cribrosa superior	98	Crura simplex
99	Macula cribrosa superior	99	Crura simplex
100	Macula cribrosa superior	100	Crura simplex

- | | |
|---------------------------------------|--------------------------------------|
| I Recessus epitympanicus | 39 Stratum radiatum |
| 2 Pars cupularis | 40 Stratum circulare |
| 3 P a r i e s j u g u l a r i s | 41 Stratum mucosum |
| 4 Prominentia styloidea | 42 OSSICULA AUDITUS |
| 5 P a r i e s l a b y r i n t h i c a | 43 S t a p e s |
| 6 Fenestra vestibuli | 44 Capitulum stapedis |
| 7 Fossula fenestrae vestibuli | 45 Crus anterior |
| 8 Promontorium | 46 Crus posterior |
| 9 Sulcus promontorii | 47 Basis stapedis |
| 10 Subiculum promontorii | 48 I n c u s |
| 11 Sinus tympani | 49 Corpus incudis |
| 12 Fenestra cochleae | 50 Crus longum |
| 13 Fossula fenestrae cochleae | 51 P r o c e s s u s l e n t i c u - |
| 14 Crista fenestrae cochleae | laris |
| 15 Processus cochleariformis | 52 Crus breve |
| 16 P a r i e s m a s t o i d e a | 53 M a l l e u s |
| 17 Antrum tympanicum | 54 Manubrium mallei |
| 18 Prominentia canalis semicircularis | 55 Capitulum Mallei |
| lateralis | 56 Collum mallei |
| 19 Prominentia canalis facialis | 57 Processus lateralis |
| 20 Eminentia pyramidalis | 58 Processus anterior |
| 21 Fossa incudis | [Folii] |
| 22 Sinus posterior | 59 <u>Articulationes ossiculorum</u> |
| 23 Apertura tympanica canaliculi | auditus |
| chordae | 60 <u>Articulatio incudomalleo-</u> |
| 24 Cellulae mastoideae | laris |
| 25 Cellulae tympanicae | 61 <u>Articulatio incudostaped-</u> |
| 26 P a r i e s c a r o t i c a | ia |
| 27 P a r i e s m e m b r a n a c e a | 62 Syndesmosis tympanostaped- |
| | ia |
| 28 <u>Membrana tympani</u> | 63 <u>Ligg. ossiculorum</u> |
| 29 Pars flaccida | auditus |
| 30 P a r s t e n s a | 64 Lig. mallei anterior |
| 31 Limbus membranae tympani | 65 Lig. mallei superius |
| 32 Plica malleolaris anterior | 66 Lig. mallei laterale |
| 33 Plica malleolaris posterior | 67 Lig. incudis superius |
| 34 Prominentia malleolaris | 68 Lig. incudis posterior |
| 35 Stria malleolaris | 69 Membrana obturatoria |
| 36 Umbo membranae tympani | (stapedis) |
| 37 Stratum cutaneum | 70 Lig. annulare baseos |
| 38 Annulus fibrocartilagineus | stap ^e dis |
| | 71 [M. fixator baseos stap- |
| | edis] |
| | 72 <u>Musculi ossiculorum</u> |
| | auditus |
| | 73 M. tensor tympani |
| | 74 M. stapedius |

32	Coronary radiations
33	Coronary sinus
34	Coronary artery
35	Coronary vein
36	Coronary artery
37	Coronary vein
38	Coronary artery
39	Coronary vein
40	Coronary artery
41	Coronary vein
42	Coronary artery
43	Coronary vein
44	Coronary artery
45	Coronary vein
46	Coronary artery
47	Coronary vein
48	Coronary artery
49	Coronary vein
50	Coronary artery
51	Coronary vein
52	Coronary artery
53	Coronary vein
54	Coronary artery
55	Coronary vein
56	Coronary artery
57	Coronary vein
58	Coronary artery
59	Coronary vein
60	Coronary artery
61	Coronary vein
62	Coronary artery
63	Coronary vein
64	Coronary artery
65	Coronary vein
66	Coronary artery
67	Coronary vein
68	Coronary artery
69	Coronary vein
70	Coronary artery
71	Coronary vein
72	Coronary artery
73	Coronary vein
74	Coronary artery
75	Coronary vein
76	Coronary artery
77	Coronary vein

1	Respiratory epithelium
2	Respiratory sinus
3	Respiratory artery
4	Respiratory vein
5	Respiratory artery
6	Respiratory vein
7	Respiratory artery
8	Respiratory vein
9	Respiratory artery
10	Respiratory vein
11	Respiratory artery
12	Respiratory vein
13	Respiratory artery
14	Respiratory vein
15	Respiratory artery
16	Respiratory vein
17	Respiratory artery
18	Respiratory vein
19	Respiratory artery
20	Respiratory vein
21	Respiratory artery
22	Respiratory vein
23	Respiratory artery
24	Respiratory vein
25	Respiratory artery
26	Respiratory vein
27	Respiratory artery
28	Respiratory vein
29	Respiratory artery
30	Respiratory vein
31	Respiratory artery
32	Respiratory vein
33	Respiratory artery
34	Respiratory vein
35	Respiratory artery
36	Respiratory vein
37	Respiratory artery
38	Respiratory vein
39	Respiratory artery
40	Respiratory vein
41	Respiratory artery
42	Respiratory vein
43	Respiratory artery
44	Respiratory vein
45	Respiratory artery
46	Respiratory vein
47	Respiratory artery
48	Respiratory vein
49	Respiratory artery
50	Respiratory vein
51	Respiratory artery
52	Respiratory vein
53	Respiratory artery
54	Respiratory vein
55	Respiratory artery
56	Respiratory vein
57	Respiratory artery
58	Respiratory vein
59	Respiratory artery
60	Respiratory vein
61	Respiratory artery
62	Respiratory vein
63	Respiratory artery
64	Respiratory vein
65	Respiratory artery
66	Respiratory vein
67	Respiratory artery
68	Respiratory vein
69	Respiratory artery
70	Respiratory vein
71	Respiratory artery
72	Respiratory vein
73	Respiratory artery
74	Respiratory vein
75	Respiratory artery
76	Respiratory vein
77	Respiratory artery

1. Tunica mucosa tympanica

- 2 (Gl. tympanicae)
- 3 Plica malleolaris posterior
- 4 Plica malleolaris anterior
- 5 Recessus membranae tympani anterior
- 6 Recessus tympani membranae superior
- 7 Recessus membranae tympani posterior
- 8 Plica incudis
- 9 Plica stapedis
- 10 Membrana tympani secundaria
- 11 TUBA AUDITIVA [EUSTACHII]
- 12 Ostium tympanicum tubae auditivae
- 13 Pars ossea tubae auditivae
 - 14 Isthmus tubae auditivae
 - 15 Cellulae pneumaticae tubariae
- 16 Pars cartilaginiae tubae auditivae
 - 17 Cartilago tubae auditivae
 - 18 Lamina [cartilaginis]
 - medialis
 - 19 Lamina [cartilaginis] lateralis
- 20 Lamina membranacea
- 21 Tunica mucosa
 - 22 Gl. mucosae
 - 23 Noduli lymphatici tubarii
- 24 Ostium pharyngeum tubae auditivae
- 25 MEATUS ACUSTICUS EXTERNUS
- 26 Porus acusticus externus
- 27 Incisura tympanica [Rivini]
- 28 Meatus acusticus externus cartilagineus
- 29 Cartilago meatus acustici
 - 30 Incisurae cartilaginis meatus acustici externi [Santorini]
 - 31 Lamina tragi

32 AURICULAE

- 33 Lobulus auriculae
- 34 Cartilago auriculae
- 35 Helix
- 36 Crus heliciis
- 37 Spina heliciis
- 38 Cauda heliciis
- 39 Anthelix
- 40 Fossa triangularis [auriculae]
- 41 Crura antheliciis
- 42 Scapha
- 43 Concha auriculae
- 44 Cymba conchae
- 45 Cavum conchae
- 46 Antitragus
- 47 Tragus
- 48 Incisura anterior [auris]
- 49 Incisura intertragica
- 50 (Tuberculum auriculae [Darwini])
- 51 (Apex auriculae Darwini)
- 52 Sulcus auriculae posterior
- 53 (Tuberculum supratragicum)
- 54 Isthmus cartilaginis auris
- 55 Incisura terminalis auris
- 56 Fissura antitragohelicina
- 57 Sulcus antheliciis transversus
- 58 Sulcus cruris heliciis
- 59 Fossa antheliciis
- 60 Eminentia conchae
- 61 Eminentia scaphae
- 62 Eminentia fossae triangularis
- 63 Ligg. auricularia [Valsalvae]
 - 64 Lig. auriculare anterius
 - 65 Lig. auriculare superius
 - 66 Lig. auriculare posterius
- 67 M. heliciis major
- 68 M. heliciis minor
- 69 M. tragicus
- 70 (M. pyramidalis auriculae [Jungi])
- 71 M. antitragicus
- 72 M. transversus auriculae
- 73 M. obliquus auriculae
- 74 (M. incisurae heliciis [Santorini])

- 1 ORGANON OLFACTUS
- 2 ORGANON GUSTUS
- 3 Calyculi gustatorii
- 4 Integumentum commune
- 5 CUTIS
- 6 Sulci cutis
- 7 Cristae cutis
- 8 Retinacula cutis
- 9 Toruli tactiles
- 10 Foveola coccygea
- 11 Lig. caudale
- 12 Epidermis
- 13 Stratum corneum
- 14 Stratum germinativum [Malpighii]
- 15 Côrium
- 16 Tunica propria
- 17 Corpus papillare
- 18 Papillae
- 19 Tela Subcutanea
- 20 Panhiculus adiposus
- 21 Corpuscula nervorum terminalia
- 22 Corpuscula bulboidea [Krausii]
- 23 Corpuscula lamellosa [Vateri, Pacini]
- 24 Corpuscula tactus [Meissneri]
- 25 Corpuscula nervorum genitalia
- 26 Corpuscula nervorum articularia
- 27 PILI
- 28 Lanugo
- 29 Capilli
- 30 Supercilia
- 31 Cilia
- 32 Barba
- 33 Tragi
- 34 Vibrissae
- 35 Hirci
- 36 Pubes
- 37 Folliculus pili
- 38 Fundus folliculi pili
- 39 Cellum folliculi pili
- 40 Papilla pili
- 41 Scapus pili
- 42 Radix pili
- 43 Bulbus pili
- 44 Mm. arrectores pilorum
- 45 Flumina pilorum
- 46 Vortices pilorum
- 47 (Vortex coccygeus)
- 48 UNGUES
- 49 Matri unguis
- 50 Cristae matricis unguis
- 51 Sulcus matricis unguis
- 52 Vallum unguis
- 53 Corpus unguis
- 54 Radix unguis
- 55 Lunula
- 56 Margo occultus
- 57 Margo liber
- 58 Margo lateralis
- 59 Stratum corneum unguis
- 60 Stratum germinativum unguis
- 61 GLANDULAE CUTIS
- 62 Gl. glomiformes
- 63 Gl. sudoriferae
- 64 Corpus gl. sudoriferae
- 65 Ductus sudoriferus
- 66 Porus sudoriferus
- 67 Sudor
- 68 Gl. ciliares [Molli]
- 69 Gl. circumanales

32	Barba
33	Tracy
34	Viburnum
35	Hibiscus
36	Rubus
37	Polypodium
38	Thymus foliolatus
39	Colinus foliolatus
40	Papilla
41	Scapula
42	Radix
43	Bulbus
44	Mm. erythronium
45	Flumina
46	Vortex
47	(Vortex coeygens)
48	UNCLES
49	Matri
50	Crissal natrix
51	Crissal natrix
52	Valis
53	Corpus
54	Radix
55	Lunula
56	Marpo
57	Marpo
58	Marpo
59	Stratum
60	Stratum
61	GLANDULAE CUTIS
62	GL. glandular
63	GL. glandular
64	Corpus
65	Ductus
66	Forus
67	Andor
68	GL. glandular (Moll)
69	GL. glandular

1	ORGANON GLACTUS
2	ORGANON GUSTUS
3	Calceola gustatoria
4	Integumentum
5	CUTIS
6	Subcutis
7	Crissal cutis
8	Retinacula cutis
9	Ternit tectiles
10	Foveola coeygens
11	Lag. caudale
12	Epidermis
13	Stratum corneum
14	Stratum germinativum [Malpighi]
15	Cutis
16	Tunica propria
17	Corpus papillare
18	Papillae
19	Tela subcutanea
20	Panniculus adiposus
21	Corpuscula nervorum
22	Corpuscula subcutanea [Krause]
23	Corpuscula lamellae [Vater, Pacini]
24	Corpuscula tactus [Meissner]
25	Corpuscula nervorum genitalia
26	Corpuscula nervorum articularia
27	PILL
28	Lanugo
29	Capilli
30	Superficia
31	Cilia

- | | | | |
|---|---------------------------|----|---|
| 1 | Gl. ceruminosae | 10 | Ductus lactiferi |
| 2 | Cerumen | 11 | Sinus lactiferi |
| 3 | <u>Glandulae sebaceae</u> | 12 | Lac femininum |
| 4 | Sebum cutaneum | 13 | Colostrum |
| 5 | <u>Mamma</u> | 14 | Areola mammae |
| 6 | Papilla mammae | 15 | Gl. sebaceae |
| 7 | Corpus mammae | 16 | Gl. areolares {Montgomerii} |
| 8 | Lobi mammae | 17 | M a m m a v i r i l i s |
| 9 | Lobuli mammae | 18 | (Mammae accessoriae {muliebres et viriles}) |

- 10 Ductus fasciatus
11 Sinus fasciatus
12 Lac. testicularis
13 Colostoma
14 Aroclia mamma
15 Gl. sebacea
16 Gl. sebacea (Montgomeryi)
17 Mamma vitellina
18 (Mamma sebacea) (multilocular et vitellina)

- Gl. coramiosae
2 Coramiosae
3 Gl. sebacea
Seb. cuticularis
5 Mamma
Papilla mamma
Corpus mamma
Lobi mamma
2 Lobuli mamma

1 REGIONES CORPORIS HUMANI

Auctoribus M e r k e l, R ü d i n g e r, T o l d t.

- | | |
|---------------------------|--------------------|
| 2 Linea mediana anterior | 6 Linea mamillaris |
| 3 Linea mediana posterior | 7 Linea axillaris |
| 4 Linea sternalis | 8 Linea scapularis |
| 5 Linea parasternalis | |

- | | | | |
|----|-------------------------------|----|----------------------------|
| 1 | R e g i o n e s c a p i t i s | 21 | Regio parotideomasseterica |
| 2 | Regio frontalis | 22 | Fossa retromandibularis |
| 3 | Regio supraorbitalis | 23 | R e g i o n e s c o l l i |
| 4 | Regio parietalis | 24 | Regio colli anterioris |
| 5 | Regio occipitalis | 25 | Regio submentalis |
| 6 | Regio temporalis | 26 | Regio hyoidea |
| 7 | Regio auricularis | 27 | Regio subhyoidea |
| 8 | Regio mastoidea | 28 | Regio laryngea |
| 9 | R e g i o n e s f a c i e i | 29 | Regio thyreoidea |
| 10 | Regio nasalis | 30 | Regio suprasternalis |

- | | | | |
|----|----------------------------|----|-------------------------------|
| 11 | Regio oralis | 31 | Fossa jugularis |
| 12 | Regio labialis superior | 32 | Regio submaxillaris |
| 13 | Regio labialis inferior | 33 | Fossa carotica |
| 14 | Regio mentalis | 34 | Regio sternocleidomastoidea |
| 15 | Regio orbitalis | 35 | Fossa supraclavicularis minor |
| 16 | Regio palpebralis superior | 36 | Regio colli lateralis |
| 17 | Regio palpebralis inferior | 37 | Fossa supraclavicularis major |
| 18 | Regio infraorbitalis | 38 | Trigonum omoclaviculare |
| 19 | Regio buccalis | 39 | Regio colli posterior |
| 20 | Regio zygomatica | 40 | Regio nuchae |

31 Regio parietotemporalis
32 Fossa petrosus superior
33 Regio occipitalis
34 Regio collis posterior
35 Regio suboccipitalis
36 Regio hyoideus
37 Regio subhyoideus
38 Regio laryngeus
39 Regio thyroideus
40 Regio suprasternalis

1 Regio frontalis
2 Regio frontalis
3 Regio supraciliaris
4 Regio parietalis
5 Regio occipitalis
6 Regio temporalis
7 Regio auricularis
8 Regio mastoideus
9 Regio cervicalis
10 Regio nasalis

31 Fossa jugularis
32 Regio submandibularis
33 Fossa carotidis
34 Regio sternocleidomastoideus
35 Fossa submandibularis minor
36 Regio collis lateralis
37 Fossa submandibularis major
38 Triangulum omohyoideum
39 Regio collis posterior
40 Regio cruralis

11 Regio orbitalis
12 Regio labialis superior
13 Regio labialis inferior
14 Regio mentalis
15 Regio orbitalis
16 Regio palpebralis superior
17 Regio palpebralis inferior
18 Regio infrorbitalis
19 Regio buccalis
20 Regio zygomatica

- | | | | |
|----|-----------------------------|----|-------------------------|
| 1 | Fovea nuchae | 24 | Regio mediana dorsi |
| 2 | Regiones pectoris | 25 | Regio interscapularis |
| 3 | Regio pectoris anterior | 26 | Regio scapularis |
| 4 | Regio sternalis | 27 | Regio suprascapularis |
| 5 | Regio clavicularis | 28 | Regio infrascapularis |
| 6 | Regio infraclavicularis | 29 | Regio lumbalis |
| 7 | Trigonum deltoideopectorale | 30 | Regio coxae |
| 8 | Regio mammalis | 31 | Regio sacralis |
| 9 | Regio inframammalis | 32 | Regio gluteae |
| 10 | Regio pectoris lateralis | 33 | Regio perinealis |
| 11 | Regio axillaris | 34 | Regio analis |
| 12 | Fossa axillaris | 35 | Regio urogenitalis |
| 13 | Regio costalis lateralis | | |
| 14 | Regiones abdominis | | |
| 15 | Regio epigastrica | | |
| 16 | Regio hypochondriaca | | |
| 17 | Regio mesogastrica | | |
| 18 | Regio umbilicalis | | |
| 19 | Regio abdominalis lateralis | | |
| 20 | Regio hypogastrica | | |
| 21 | Regio publica | | |
| 22 | Regio inguinalis | | |
| 23 | Regiones dorsi | | |
| | | 36 | Regio pudendalis |
| | | 37 | Regiones extremi- |
| | | | tatis superioris |
| | | 38 | Regio acromialis |
| | | 39 | Regio deltoidea |
| | | 40 | Regio brachii lateralis |
| | | 41 | Regio brachii medialis |
| | | 42 | Regio brachii anterior |
| | | 43 | Regio brachii posterior |
| | | 44 | Regio cubiti anterior |
| | | 45 | Fossa cubitalis |

34 Regio mediana dorsalis
35 Regio interscapularis
36 Regio scapularis
37 Regio suprascapularis
38 Regio infraclavicularis
39 Regio humeralis
40 Regio axillaris
41 Regio brachialis
42 Regio cubitalis
43 Regio carpalis
44 Regio metacarpalis
45 Regio digitalis

1 Fovea nuchae
2 Regio nuchae
3 Regio pectoralis anterior
4 Regio sternalis
5 Regio claviculalis
6 Regio infraclavicularis
7 Trigonum deltopectoralis
8 Regio mammillaris
9 Regio inframammillaris
10 Regio pectoralis lateralis
11 Regio axillaris
12 Fovea axillaris

36 Regio pubendialis
37 Regio perinealis
38 Regio perianalis
39 Regio deltoidea
40 Regio pectoralis lateralis
41 Regio infraclavicularis
42 Regio brachialis anterior
43 Regio brachialis posterior
44 Regio cubitalis anterior
45 Fovea cubitalis

13 Regio costalis lateralis
14 Regio abdominalis
15 Regio epigastrica
16 Regio hypochondriaca
17 Regio mesogastrica
18 Regio umbilicalis
19 Regio abdominalis lateralis
20 Regio hypogastrica
21 Regio pubica
22 Regio inguinalis
23 Fovea inguinalis

- | | | | |
|----|-----------------------------------|----|------------------------------------|
| 1 | Regio cubiti posterior | 21 | Regio femoris medialis |
| 2 | Regio olecrani | 22 | Regio genu anterior |
| 3 | Regio cubiti lateralis | 23 | Regio patellaris |
| 4 | Regio cubiti medialis | 24 | Regio genu posterior |
| 5 | Regio antibrachii volaris | 25 | Fossa poplitea |
| 6 | Regio antibrachii dorsalis | 26 | Regio cruris anterior |
| 7 | Regio antibrachii radialis | 27 | Regio cruris posterior |
| 8 | Regio antibrachii ulnaris | 28 | Regio suralis |
| 9 | Regio dorsalis manus | 29 | Regio cruris lateralis |
| 10 | Regio volaris manus | 30 | Regio cruris medialis |
| 11 | Regiones digitales [manus] | 31 | Regio malleolaris lateralis |
| 12 | Regiones dorsales digitorum | 32 | Regio malleolaris medialis |
| 13 | Regiones unguiculares | 33 | Regio retromalleolaris lateralis |
| 14 | Regiones volares digitorum | 34 | Regio retromalleolaris medialis |
| 15 | Regions of the inferior extremity | 35 | Regio calcanea |
| 16 | Regio femoris anterior | 36 | Regio dorsalis pedis |
| 17 | Fossa subinguinalis | 37 | Regio plantaris pedis |
| 18 | Regio femoris lateralis | 38 | Regiones digitales pedis |
| 19 | Regio trochanterica | 39 | Regiones dorsales digitorum pedis |
| 20 | Regio femoris posterior | 40 | Regiones unguiculares |
| | | 41 | Regiones plantares digitorum pedis |

21	Regio femoris medialis
22	Regio genu anterior
23	Regio patellaris
24	Regio genu posterior
25	Pars poplitea
26	Regio cruris anterior
27	Regio cruris posterior
28	Regio malleoli
29	Regio cruris lateralis
30	Regio cruris medialis
31	Regio malleolus lateralis
32	Regio malleolus medialis
33	Regio retromalleolaris lateralis
34	Regio retromalleolaris medialis
35	Regio calcanei
36	Regio dorsalis pedis
37	Regio plantaris pedis
38	Regio digitalis pedis
39	Regio dorsalis digitorum pedis
40	Regio unguitruncus
41	Regio plantaris digitorum pedis

Regio pedis posterior
3 Regio olecrani
Regio cubiti lateralis
Regio cubiti medialis
Regio antibrachii volaris
Regio antibrachii dorsalis
Regio antibrachii radialis
Regio antibrachii ulnaris
Regio dorsalis manus
Regio volaris manus
Regiones digitales [manus]
12 Regiones dorsales digitorum
13 Regiones unguitruncus
14 Regiones volares digitorum
Regiones laterales
Regio femoris anterior
15 Pars subinguinalis
Regio femoris lateralis
16 Regio trochanterica
Regio femoris posterior

THIS BOOK IS DUE ON THE LAST DATE
STAMPED BELOW

AN INITIAL FINE OF 25 CENTS
WILL BE ASSESSED FOR FAILURE TO RETURN
THIS BOOK ON THE DATE DUE. THE PENALTY
WILL INCREASE TO 50 CENTS ON THE FOURTH
DAY AND TO \$1.00 ON THE SEVENTH DAY
OVERDUE.

Biology Library

MAY 16 1933

APR 16 1934

JUN 5 1936

FEB 16 1940

OCT 12 1940

OCT 14 1940

APR 9 1960

Mr26'60HT

JUL 6 1960

JUN 22 1960

LD 21-50m-1,'33

YF 02056

452029

QM31

E4

BIOLOGY
LIBRARY
G

UNIVERSITY OF CALIFORNIA LIBRARY

